Goal: to verify that Z7'(z2,t)=0
instead we will show that z2*Z7(z2,t)=0

In[ ]:= $\omega = \sqrt{\frac{4 - 11\,t + 8\,t^2}{t}}$;

In[ ]:= $q0 = (16\,(-1 + t)^3\,t^2\,(-1 + 5\,t - 6\,t^2 + t^3));$

$pp1 = (-6 + 25\,t + 14\,t^2 - 266\,t^3 + 648\,t^4 - 752\,t^5 + 464\,t^6 - 144\,t^7 + 16\,t^8);$

$pp2 = (2\,t - 1)\,(2 - 3\,t - 8\,t^2 + 20\,t^3 - 14\,t^4 + 4\,t^5);$

$pp3 =$
$2\,(2\,t - 1)\,\hat{}\,2\,t\,(10 - 41\,t - 48\,t^2 + 590\,t^3 - 1482\,t^4 + 1870\,t^5 - 1328\,t^6 + 526\,t^7 - 104\,t^8 + 8\,t^9);$

$pp4 = 2\,(2\,t - 1)\,\hat{}\,2\,t\,\hat{}\,2\,((19 - 124\,t + 322\,t^2 - 422\,t^3 + 292\,t^4 - 100\,t^5 + 12\,t^6));$

In[ ]:= $z2s =$
$\Big(-6 + 25\,t + 14\,t^2 - 266\,t^3 + 648\,t^4 - 752\,t^5 + 464\,t^6 - 144\,t^7 + 16\,t^8 + (-1 + 2\,t)\,\omega\omega\,\Big(2 - 3\,t - 8\,t^2 + 20\,t^3 - 14\,t^4 + 4\,t^5 + \sqrt{2}\,\sqrt{(t\,(10 - 41\,t - 48\,t^2 + 590\,t^3 - 1482\,t^4 + 1870\,t^5 - 1328\,t^6 + 526\,t^7 - 104\,t^8 + 8\,t^9 + t\,(19 - 124\,t + 322\,t^2 - 422\,t^3 + 292\,t^4 - 100\,t^5 + 12\,t^6)\,\omega\omega)}\Big)\Big) \Big/ (16\,(-1 + t)^3\,t^2\,(-1 + 5\,t - 6\,t^2 + t^3))$

Out[ ]= $\Big(-6 + 25\,t + 14\,t^2 - 266\,t^3 + 648\,t^4 - 752\,t^5 + 464\,t^6 - 144\,t^7 + 16\,t^8 + (-1 + 2\,t)\,\omega\omega\,\Big(2 - 3\,t - 8\,t^2 + 20\,t^3 - 14\,t^4 + 4\,t^5 + \sqrt{2}\,\sqrt{(t\,(10 - 41\,t - 48\,t^2 + 590\,t^3 - 1482\,t^4 + 1870\,t^5 - 1328\,t^6 + 526\,t^7 - 104\,t^8 + 8\,t^9 + t\,(19 - 124\,t + 322\,t^2 - 422\,t^3 + 292\,t^4 - 100\,t^5 + 12\,t^6)\,\omega\omega)}\Big)\Big) \Big/ (16\,(-1 + t)^3\,t^2\,(-1 + 5\,t - 6\,t^2 + t^3))$

In[ ]:= $q = (2\,t - 1)\,\hat{}\,10;$

$p61 = 16\,t\,\hat{}\,5\,(-10 + 27\,t + 288\,t^2 - 2022\,t^3 + 5825\,t^4 - 9477\,t^5 + 9336\,t^6 - 5494\,t^7 + 1712\,t^8 - 122\,t^9 - 80\,t^{10} + 16\,t^{11});$

$p62 = (-16\,t\,\hat{}\,6)\,(-25 + 206\,t - 726\,t^2 + 1459\,t^3 - 1927\,t^4 + 1870\,t^5 - 1394\,t^6 + 724\,t^7 - 210\,t^8 + 24\,t^9);$

$p41 = (-4\,t\,\hat{}\,3)\,(50 - 687\,t + 4203\,t^2 - 15\,695\,t^3 + 41\,282\,t^4 - 82\,204\,t^5 + 125\,852\,t^6 - 144\,150\,t^7 + 117\,216\,t^8 - 62\,520\,t^9 + 18\,496\,t^{10} - 1080\,t^{11} - 960\,t^{12} + 192\,t^{13});$

$p42 = 4\,t\,\hat{}\,3\,(10 - 121\,t + 677\,t^2 - 2521\,t^3 + 7132\,t^4 - 15\,412\,t^5 + 24\,800\,t^6 - 29\,742\,t^7 + 27\,184\,t^8 - 18\,840\,t^9 + 9072\,t^{10} - 2520\,t^{11} + 288\,t^{12});$

$p21 = (-2 + 40\,t - 360\,t^2 + 2245\,t^3 - 11\,098\,t^4 + 42\,924\,t^5 - 126\,314\,t^6 + 282\,304\,t^7 - 483\,968\,t^8 + 638\,896\,t^9 - 640\,864\,t^{10} + 470\,400\,t^{11} - 234\,144\,t^{12} + 65\,792\,t^{13} - 2784\,t^{14} - 3840\,t^{15} + 768\,t^{16});$

$p22 = -t\,\hat{}\,3\,(65 - 774\,t + 4344\,t^2 - 15\,694\,t^3 + 41\,224\,t^4 - 82\,096\,t^5 + 124\,784\,t^6 - 144\,768\,t^7 + 127\,840\,t^8 - 83\,808\,t^9 + 37\,824\,t^{10} - 10\,080\,t^{11} + 1152\,t^{12});$

$p01 = (1 - t)\,(1 - 19\,t + 161\,t^2 - 924\,t^3 + 4066\,t^4 - 13\,822\,t^5 + 35\,840\,t^6 - 70\,584\,t^7 + 105\,400\,t^8 -$

```
    118 168 t^9 + 96 704 t^10 - 54 208 t^11 + 17 760 t^12 - 1440 t^13 - 1024 t^14 + 256 t^15);
p02 = t^3 (25 - 290 t + 1636 t^2 - 6010 t^3 + 15 992 t^4 - 32 064 t^5 + 48 928 t^6 -
    56 632 t^7 + 49 024 t^8 - 30 752 t^9 + 13 120 t^10 - 3360 t^11 + 384 t^12);
p11 = 8 t^3 (t - 1) (-125 + 4005 t - 60 169 t^2 + 570 158 t^3 - 3 862 166 t^4 + 20 045 945 t^5 -
    83 223 823 t^6 + 284 217 439 t^7 - 813 613 881 t^8 + 1 978 202 656 t^9 - 4 124 892 528 t^10 +
    7 432 364 016 t^11 - 11 645 707 296 t^12 + 15 960 414 880 t^13 - 19 242 695 952 t^14 +
    20 530 254 512 t^15 - 19 487 643 408 t^16 + 16 504 985 216 t^17 - 12 441 863 808 t^18 +
    8 263 236 224 t^19 - 4 749 495 424 t^20 + 2 309 017 088 t^21 - 926 839 040 t^22 +
    300 215 040 t^23 - 76 503 296 t^24 + 14 585 856 t^25 - 1 794 048 t^26 + 73 728 t^27 + 8192 t^28);
p12 = 8 t^3 (1 - t) (-25 + 765 t - 11 171 t^2 + 105 634 t^3 - 736 638 t^4 + 4 055 851 t^5 - 18 297 419 t^6 +
    69 029 409 t^7 - 220 386 161 t^8 + 599 953 820 t^9 - 1 399 432 680 t^10 + 2 804 818 368 t^11 -
    4 835 265 904 t^12 + 7 165 985 152 t^13 - 9 113 381 872 t^14 + 9 916 520 688 t^15 - 9 197 207 856 t^16 +
    7 238 388 416 t^17 - 4 811 313 152 t^18 + 2 688 147 584 t^19 - 1 256 283 520 t^20 + 488 377 856 t^21 -
    156 990 208 t^22 + 41 689 856 t^23 - 9 309 952 t^24 + 1 799 168 t^25 - 280 576 t^26 + 24 576 t^27);
p31 = 8 t^3 (t - 1) (-125 + 4005 t - 59 369 t^2 + 553 998 t^3 - 3 730 470 t^4 +
    19 565 545 t^5 - 83 537 119 t^6 + 297 885 767 t^7 - 901 975 729 t^8 +
    2 350 136 384 t^9 - 5 333 296 784 t^10 + 10 652 922 784 t^11 - 18 880 321 184 t^12 +
    29 852 879 392 t^13 - 42 255 474 560 t^14 + 53 630 116 864 t^15 -
    60 971 031 168 t^16 + 61 759 492 352 t^17 - 55 128 623 872 t^18 + 42 657 332 224 t^19 -
    28 037 451 008 t^20 + 15 314 942 464 t^21 - 6 803 466 496 t^22 + 2 405 327 616 t^23 -
    657 957 120 t^24 + 131 469 312 t^25 - 16 441 344 t^26 + 663 552 t^27 + 73 728 t^28);
p32 = 8 t^3 (1 - t) (-25 + 765 t - 11 171 t^2 + 107 634 t^3 - 787 518 t^4 + 4 665 067 t^5 -
    22 973 819 t^6 + 95 297 577 t^7 - 336 259 225 t^8 + 1 016 942 748 t^9 - 2 647 457 192 t^10 +
    5 940 364 352 t^11 - 11 479 425 312 t^12 + 19 070 848 736 t^13 - 27 171 006 848 t^14 +
    33 097 766 976 t^15 - 34 341 234 112 t^16 + 30 212 895 232 t^17 - 22 415 990 528 t^18 +
    13 930 544 128 t^19 - 7 190 272 256 t^20 + 3 053 491 200 t^21 - 1 060 255 488 t^22 +
    303 176 448 t^23 - 73 578 240 t^24 + 15 455 232 t^25 - 2 525 184 t^26 + 221 184 t^27);
p51 = 128 t^8 (t - 1) (-1500 + 28 960 t - 257 939 t^2 + 1 404 604 t^3 - 5 211 955 t^4 +
    13 795 890 t^5 - 25 855 137 t^6 + 29 614 248 t^7 + 3 063 112 t^8 - 113 012 293 t^9 +
    333 031 055 t^10 - 652 968 101 t^11 + 993 241 608 t^12 - 1 221 269 400 t^13 +
    1 224 164 696 t^14 - 994 694 744 t^15 + 647 101 024 t^16 - 331 790 224 t^17 +
    131 533 872 t^18 - 39 147 024 t^19 + 8 229 120 t^20 - 1 046 016 t^21 + 41 472 t^22 + 4608 t^23);
p52 = 128 t^8 (1 - t) (-100 + 80 t + 20 039 t^2 - 260 728 t^3 + 1 786 957 t^4 - 8 269 540 t^5 + 28 531 279 t^6 -
    77 414 974 t^7 + 170 435 054 t^8 - 309 998 835 t^9 + 470 441 223 t^10 - 598 385 907 t^11 +
    638 090 092 t^12 - 567 729 488 t^13 + 417 123 064 t^14 - 249 429 768 t^15 + 119 783 328 t^16 -
    46 124 976 t^17 + 14 587 824 t^18 - 3 960 432 t^19 + 919 872 t^20 - 157 824 t^21 + 13 824 t^22);
p71 = 2048 t^13 (t - 1) (-25 + 56 t + 2520 t^2 - 25 565 t^3 + 120 032 t^4 - 330 197 t^5 +
    533 239 t^6 - 339 915 t^7 - 575 358 t^8 + 1 899 107 t^9 - 2 748 394 t^10 + 2 566 194 t^11 -
    1 675 233 t^12 + 781 067 t^13 - 257 689 t^14 + 57 232 t^15 - 7392 t^16 + 288 t^17 + 32 t^18);
p72 = 2048 t^13 (1 - t) (-1 - 50 t + 626 t^2 - 2319 t^3 - 1948 t^4 + 47 711 t^5 -
    201 331 t^6 + 485 563 t^7 - 779 658 t^8 + 878 711 t^9 - 712 736 t^10 + 425 072 t^11 -
    193 639 t^12 + 72 003 t^13 - 23 071 t^14 + 6068 t^15 - 1096 t^16 + 96 t^17);
```

In[ ]:=
```
RootReduce[
 1/q {Sqrt[p71 + p72 ωω], p61 + p62 ωω, -Sqrt[p51 + p52 ωω], p41 + p42 ωω, Sqrt[p31 + p32 ωω],
    p21 + p22 ωω, -Sqrt[p11 + p12 ωω], p01 + p02 ωω}.
   Table[(-Sqrt[z2s])^j, {j, 7, 0, -1}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= -1

In[ ]:=
```
RootReduce[{7 Sqrt[p71 + p72 ωω], 6 (p61 + p62 ωω), -5 Sqrt[p51 + p52 ωω],
    4 (p41 + p42 ωω), 3 Sqrt[p31 + p32 ωω], 2 (p21 + p22 ωω), -Sqrt[p11 + p12 ωω]}.
   Table[(-Sqrt[z2s])^j, {j, 6, 0, -1}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= 0

In[ ]:=
```
RootReduce[{7 Sqrt[p71 + p72 ωω], 6 (p61 + p62 ωω), -5 Sqrt[p51 + p52 ωω],
    4 (p41 + p42 ωω), 3 Sqrt[p31 + p32 ωω], 2 (p21 + p22 ωω), -Sqrt[p11 + p12 ωω]}.
   Table[(-Sqrt[z2s])^j, {j, 7, 1, -1}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= 0

In[ ]:=
```
RootReduce[{7 Sqrt[p71 + p72 ωω], 6 (p61 + p62 ωω), -5 Sqrt[p51 + p52 ωω],
    4 (p41 + p42 ωω), 3 Sqrt[p31 + p32 ωω], 2 (p21 + p22 ωω), -Sqrt[p11 + p12 ωω]}.
   Table[(-Sqrt[z2s])^j, {j, 6, 0, -1}] /. ωω → ω /. {t → 1/(11 - 4 Sqrt[6])}]
```

Out[ ]= $Aborted

The first idea is again consider z2 Z7'(z2)

In[ ]:=
```
RootReduce[
 6 (p61 + p62 ωω) z2s^3 + 4 (p41 + p42 ωω) z2s^2 + 2 (p21 + p22 ωω) z2s /. ωω → ω /. t → 4/5]
```

Out[ ]= 0.0122 ...

In[ ]:=
```
RootReduce[
 {-7 Sqrt[p71 + p72 ωω], +5 Sqrt[p51 + p52 ωω], -3 Sqrt[p31 + p32 ωω], Sqrt[p11 + p12 ωω]}.
   Table[(-Sqrt[z2s])^j, {j, 7, 1, -2}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= 0.0122 ...

In[ ]:=
```
RootReduce[{-7 Sqrt[p71 + p72 ωω]}.Table[(-Sqrt[z2s])^j, {j, 7, 7, -2}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= 0.0450 ...

In[ ]:=
```
qq1 = Factor[Resultant[
    (q0 zs - pp1 - pp2 ωω)^2 - ωω^2 (pp3 + pp4 ωω), t ωω^2 - (4 - 11 t + 8 t^2), ωω]][[-1]];
```

In[ ]:=
```
qq2 = Factor[Resultant[y - 2 (p21 + p22 ωω) zs - 4 (p41 + p42 ωω) zs^2 - 6 (p61 + p62 ωω) zs^3,
    t ωω^2 - (4 - 11 t + 8 t^2), ωω]][[-1]];
```

In[ ]:=
```
qq3 = Collect[Factor[Resultant[qq1, qq2, zs]][[5]], y]
```

Out[ ]= $-1\,679\,616 + 120\,434\,688\ t - 4\,286\,559\,520\ t^2 + 101\,047\,149\,184\ t^3 - 1\,775\,925\,416\,037\ t^4 + 24\,835\,753\,792\,594\ t^5 - 288\,007\,279\,173\,584\ t^6 +$

$$2\,849\,566\,165\,764\,728\ t^{7} - 24\,560\,822\,586\,877\,914\ t^{8} + 187\,353\,226\,824\,198\,596\ t^{9} -$$
$$1\,280\,544\,727\,083\,618\,864\ t^{10} + 7\,919\,842\,228\,047\,671\,796\ t^{11} - 44\,677\,008\,140\,398\,648\,433\ t^{12} +$$
$$231\,380\,924\,382\,858\,050\,082\ t^{13} - 1\,106\,073\,862\,026\,542\,630\,108\ t^{14} +$$
$$4\,902\,271\,749\,424\,583\,790\,628\ t^{15} - 20\,220\,525\,883\,813\,659\,258\,784\ t^{16} +$$
$$77\,863\,515\,498\,592\,195\,625\,120\ t^{17} - 280\,654\,226\,952\,612\,504\,331\,860\ t^{18} +$$
$$949\,019\,689\,557\,079\,378\,635\,752\ t^{19} - 3\,016\,225\,076\,919\,424\,390\,967\,472\ t^{20} +$$
$$9\,024\,585\,727\,926\,451\,972\,217\,648\ t^{21} - 25\,453\,361\,451\,238\,627\,902\,610\,784\ t^{22} +$$
$$67\,748\,586\,804\,928\,739\,712\,768\,832\ t^{23} - 170\,329\,730\,188\,691\,427\,401\,617\,552\ t^{24} +$$
$$404\,797\,560\,629\,211\,212\,856\,667\,904\ t^{25} - 909\,905\,211\,158\,936\,475\,965\,973\,312\ t^{26} +$$
$$1\,935\,335\,600\,177\,371\,919\,231\,897\,216\ t^{27} - 3\,896\,290\,835\,800\,055\,878\,706\,721\,856\ t^{28} +$$
$$7\,426\,089\,142\,093\,455\,702\,145\,795\,328\ t^{29} - 13\,400\,156\,087\,855\,484\,408\,612\,366\,592\ t^{30} +$$
$$22\,891\,701\,992\,460\,371\,058\,941\,814\,784\ t^{31} - 37\,016\,397\,926\,998\,793\,196\,207\,063\,552\ t^{32} +$$
$$56\,642\,145\,394\,698\,563\,456\,214\,221\,824\ t^{33} - 81\,987\,676\,392\,492\,016\,151\,393\,894\,400\ t^{34} +$$
$$112\,203\,454\,121\,666\,587\,295\,493\,627\,904\ t^{35} - 145\,093\,584\,431\,148\,882\,466\,092\,875\,776\ t^{36} +$$
$$177\,156\,927\,321\,862\,950\,304\,159\,920\,128\ t^{37} - 204\,063\,247\,579\,974\,012\,423\,555\,805\,184\ t^{38} +$$
$$221\,532\,995\,506\,944\,631\,701\,635\,653\,632\ t^{39} - 226\,405\,053\,937\,273\,556\,447\,961\,862\,144\ t^{40} +$$
$$217\,543\,551\,645\,799\,932\,975\,504\,130\,048\ t^{41} - 196\,237\,271\,259\,698\,431\,964\,075\,556\,864\ t^{42} +$$
$$165\,909\,444\,187\,322\,592\,159\,018\,647\,552\ t^{43} - 131\,220\,269\,563\,489\,516\,748\,283\,183\,104\ t^{44} +$$
$$96\,884\,005\,457\,446\,404\,207\,033\,712\,640\ t^{45} - 66\,617\,343\,693\,876\,265\,573\,282\,217\,984\ t^{46} +$$
$$42\,543\,627\,520\,767\,230\,192\,750\,952\,448\ t^{47} - 25\,157\,472\,861\,962\,584\,557\,002\,686\,464\ t^{48} +$$
$$13\,727\,118\,564\,444\,331\,767\,511\,384\,064\ t^{49} - 6\,884\,268\,271\,298\,925\,087\,151\,882\,240\ t^{50} +$$
$$3\,158\,950\,663\,470\,910\,305\,665\,548\,288\ t^{51} - 1\,319\,418\,764\,527\,924\,163\,190\,456\,320\ t^{52} +$$
$$498\,622\,883\,922\,259\,387\,644\,641\,280\ t^{53} - 169\,306\,532\,202\,785\,465\,553\,649\,664\ t^{54} +$$
$$51\,228\,262\,834\,774\,669\,418\,037\,248\ t^{55} - 13\,677\,765\,528\,961\,550\,678\,753\,280\ t^{56} +$$
$$3\,184\,409\,977\,168\,578\,836\,692\,992\ t^{57} - 637\,067\,989\,041\,363\,384\,532\,992\ t^{58} +$$
$$107\,509\,077\,771\,790\,885\,847\,040\ t^{59} - 14\,939\,322\,106\,083\,910\,090\,752\ t^{60} +$$
$$1\,654\,315\,826\,213\,189\,320\,704\ t^{61} - 139\,269\,665\,621\,014\,478\,848\ t^{62} +$$
$$8\,280\,457\,253\,153\,144\,832\ t^{63} - 304\,626\,293\,545\,107\,456\ t^{64} + 5\,066\,549\,580\,791\,808\ t^{65} +$$
$$(-20\,736\ t^{3} + 3\,214\,208\ t^{4} - 124\,779\,760\ t^{5} + 2\,528\,709\,696\ t^{6} - 32\,228\,966\,670\ t^{7} +$$
$$269\,221\,096\,941\ t^{8} - 1\,279\,205\,842\,405\ t^{9} - 1\,256\,228\,268\,047\ t^{10} + 90\,551\,661\,322\,592\ t^{11} -$$
$$1\,023\,934\,071\,272\,640\ t^{12} + 7\,793\,120\,317\,720\,085\ t^{13} - 46\,691\,631\,456\,314\,130\ t^{14} +$$
$$232\,969\,708\,835\,480\,028\ t^{15} - 995\,432\,190\,975\,124\,870\ t^{16} + 3\,700\,707\,277\,065\,302\,700\ t^{17} -$$
$$12\,082\,793\,380\,904\,784\,284\ t^{18} + 34\,810\,899\,438\,992\,497\,500\ t^{19} - 88\,546\,292\,246\,646\,346\,784$$
$$t^{20} + 197\,949\,324\,689\,482\,278\,192\ t^{21} - 383\,931\,301\,359\,969\,702\,560\ t^{22} +$$
$$626\,355\,076\,245\,451\,589\,360\ t^{23} - 789\,408\,731\,766\,473\,839\,328\ t^{24} + 516\,958\,383\,216\,934\,195\,776$$
$$t^{25} + 854\,944\,621\,983\,646\,170\,784\ t^{26} - 4\,277\,022\,203\,491\,159\,907\,200\ t^{27} +$$
$$10\,758\,952\,015\,253\,357\,076\,736\ t^{28} - 20\,912\,118\,687\,374\,928\,770\,816\ t^{29} +$$
$$34\,398\,375\,339\,134\,798\,944\,512\ t^{30} - 49\,577\,704\,238\,526\,312\,917\,504\ t^{31} +$$
$$63\,665\,730\,790\,544\,163\,563\,520\ t^{32} - 73\,503\,514\,540\,333\,719\,632\,896\ t^{33} +$$
$$76\,682\,615\,827\,916\,141\,881\,856\ t^{34} - 72\,491\,364\,367\,141\,074\,120\,704\ t^{35} +$$
$$62\,180\,890\,889\,462\,116\,007\,936\ t^{36} - 48\,411\,330\,604\,352\,209\,846\,272\ t^{37} +$$
$$34\,194\,589\,523\,711\,446\,786\,048\ t^{38} - 21\,887\,991\,853\,801\,059\,647\,488\ t^{39} +$$
$$12\,674\,856\,830\,897\,950\,687\,232\ t^{40} - 6\,624\,147\,987\,556\,163\,125\,248\ t^{41} +$$

$$3\,114\,388\,352\,573\,536\,862\,208\ t^{42} - 1\,311\,597\,514\,369\,644\,101\,632\ t^{43} + 491\,898\,737\,963\,690\,885\,120\ t^{44} - 162\,974\,607\,927\,454\,728\,192\ t^{45} + 47\,178\,242\,205\,293\,740\,032\ t^{46} - 11\,752\,513\,564\,802\,285\,568\ t^{47} + 2\,466\,803\,161\,331\,924\,992\ t^{48} - 423\,543\,798\,560\,194\,560\ t^{49} + 56\,978\,349\,603\,422\,208\ t^{50} - 5\,614\,203\,008\,188\,416\ t^{51} + 358\,973\,366\,599\,680\ t^{52} - 11\,132\,555\,231\,232\ t^{53})\, y +$$

$$(2592\ t^5 + 47\,152\ t^6 - 2\,747\,858\ t^7 + 42\,368\,437\ t^8 - 319\,467\,384\ t^9 + 896\,947\,637\ t^{10} + 6\,496\,919\,969\ t^{11} - 94\,840\,184\,082\ t^{12} + 625\,519\,956\,317\ t^{13} - 2\,774\,072\,523\,278\ t^{14} + 8\,950\,998\,321\,658\ t^{15} - 20\,988\,631\,247\,406\ t^{16} + 32\,358\,189\,605\,138\ t^{17} - 15\,120\,367\,168\,388\ t^{18} - 80\,976\,317\,227\,320\ t^{19} + 282\,076\,100\,041\,568\ t^{20} - 482\,097\,133\,977\,824\ t^{21} + 345\,023\,877\,075\,824\ t^{22} + 625\,092\,756\,908\,768\ t^{23} - 2\,757\,434\,568\,420\,576\ t^{24} + 5\,805\,777\,928\,249\,056\ t^{25} - 8\,847\,847\,395\,300\,224\ t^{26} + 10\,719\,234\,511\,926\,016\ t^{27} - 10\,719\,058\,528\,803\,520\ t^{28} + 9\,018\,398\,393\,234\,944\ t^{29} - 6\,457\,338\,280\,571\,392\ t^{30} + 3\,966\,431\,241\,783\,296\ t^{31} - 2\,103\,759\,169\,397\,760\ t^{32} + 969\,033\,812\,369\,408\ t^{33} - 389\,389\,415\,505\,920\ t^{34} + 136\,686\,535\,671\,808\ t^{35} - 41\,707\,989\,876\,736\ t^{36} + 10\,897\,510\,498\,304\ t^{37} - 2\,368\,058\,425\,344\ t^{38} + 407\,690\,543\,104\ t^{39} - 51\,375\,243\,264\ t^{40} + 4\,114\,612\,224\ t^{41} - 150\,994\,944\ t^{42})\, y^2 +$$

$$(16\ t^8 + 324\ t^9 - 15\,336\ t^{10} + 208\,415\ t^{11} - 1\,555\,186\ t^{12} + 7\,456\,635\ t^{13} - 24\,331\,521\ t^{14} + 53\,967\,538\ t^{15} - 73\,158\,218\ t^{16} + 21\,453\,312\ t^{17} + 160\,168\,266\ t^{18} - 444\,571\,376\ t^{19} + 688\,202\,968\ t^{20} - 736\,899\,184\ t^{21} + 572\,681\,656\ t^{22} - 323\,107\,264\ t^{23} + 127\,694\,912\ t^{24} - 31\,842\,048\ t^{25} + 3\,206\,784\ t^{26} + 669\,696\ t^{27} - 254\,976\ t^{28} + 24\,576\ t^{29})\, y^3 +$$

$$(-t^{10} + 6\ t^{11} - 15\ t^{12} + 20\ t^{13} - 15\ t^{14} + 6\ t^{15} - t^{16})\, y^4$$

In[ ]:=
```
Solve[% == 0 /. t → 4 / 5]
```

Out[ ]= $\{\{y \to -342.\ldots\}, \{y \to -6.27\ldots \times 10^{-3}\}, \{y \to -5.39\ldots \times 10^{-3}\}, \{y \to 0.0122\ldots\}\}$

In[ ]:=
```
RootReduce[
 {-7 Sqrt[p71 + p72 ωω], +5 Sqrt[p51 + p52 ωω], -3 Sqrt[p31 + p32 ωω], Sqrt[p11 + p12 ωω]}.
   Table[(-Sqrt[z2s])^j, {j, 7, 1, -2}] /. ωω → ω /. {t → 4 / 5}]
```

Out[ ]= $0.0122\ldots$

In[ ]:=
```
qq4 = Factor[Resultant[y1^2 - 1 (p11 + p12 ωω) zs, t ωω^2 - (4 - 11 t + 8 t^2), ωω]][[-1]];
```

In[ ]:=
```
qq4b = Factor[Resultant[qq4, qq1, zs]][[5]]
```

Out[ ]=

$$10\,000 - 732\,000\ t + 26\,254\,400\ t^2 - 615\,915\,680\ t^3 + 10\,644\,007\,696\ t^4 - 144\,688\,467\,584\ t^5 + 1\,613\,049\,106\,064\ t^6 - 15\,182\,571\,316\,864\ t^7 + 123\,252\,089\,202\,720\ t^8 - 877\,181\,507\,409\,664\ t^9 + 5\,543\,983\,444\,453\,696\ t^{10} - 31\,440\,665\,459\,550\,880\ t^{11} + 161\,353\,263\,058\,867\,792\ t^{12} - 754\,609\,313\,612\,735\,168\ t^{13} + 3\,234\,904\,459\,067\,189\,008\ t^{14} - 12\,773\,871\,598\,375\,066\,240\ t^{15} + 46\,654\,657\,864\,326\,742\,512\ t^{16} - 158\,156\,369\,623\,596\,122\,720\ t^{17} + 499\,076\,547\,472\,418\,729\,312\ t^{18} - 1\,469\,610\,581\,455\,702\,814\,144\ t^{19} + 4\,046\,521\,469\,829\,903\,758\,080\ t^{20} - 10\,436\,197\,073\,854\,185\,377\,280\ t^{21} + 25\,245\,556\,223\,852\,204\,465\,664\ t^{22} - 57\,344\,481\,981\,439\,605\,678\,592\ t^{23} + 122\,415\,754\,854\,103\,064\,922\,112\ t^{24} - 245\,754\,255\,446\,817\,553\,597\,952\ t^{25} + 464\,168\,134\,703\,922\,915\,474\,944\ t^{26} - 825\,038\,508\,521\,569\,720\,736\,768\ t^{27} + 1\,380\,195\,577\,915\,342\,357\,401\,600\ t^{28} -$$

$$2\,172\,965\,426\,891\,169\,104\,121\,856\ t^{29} + 3\,219\,070\,214\,142\,267\,085\,520\,896\ t^{30} -$$
$$4\,485\,804\,562\,279\,001\,224\,675\,328\ t^{31} + 5\,877\,626\,858\,853\,653\,138\,960\,384\ t^{32} -$$
$$7\,237\,575\,361\,294\,455\,246\,471\,168\ t^{33} + 8\,370\,568\,628\,127\,635\,374\,915\,584\ t^{34} -$$
$$9\,086\,535\,104\,602\,969\,200\,558\,080\ t^{35} + 9\,251\,434\,243\,388\,380\,528\,934\,912\ t^{36} -$$
$$8\,827\,839\,085\,744\,368\,386\,375\,680\ t^{37} + 7\,888\,398\,530\,937\,237\,761\,097\,728\ t^{38} -$$
$$6\,595\,687\,349\,356\,046\,875\,492\,352\ t^{39} + 5\,156\,012\,759\,873\,009\,366\,466\,560\ t^{40} -$$
$$3\,765\,287\,569\,560\,166\,581\,403\,648\ t^{41} + 2\,566\,623\,391\,093\,230\,640\,562\,176\ t^{42} -$$
$$1\,631\,749\,269\,504\,363\,249\,795\,072\ t^{43} + 966\,733\,171\,079\,766\,769\,926\,144\ t^{44} -$$
$$533\,242\,256\,367\,279\,249\,817\,600\ t^{45} + 273\,558\,208\,206\,105\,339\,756\,544\ t^{46} -$$
$$130\,354\,544\,728\,740\,223\,516\,672\ t^{47} + 57\,603\,955\,434\,360\,134\,434\,816\ t^{48} -$$
$$23\,557\,369\,161\,999\,762\,587\,648\ t^{49} + 8\,891\,747\,213\,509\,637\,701\,632\ t^{50} -$$
$$3\,087\,012\,229\,469\,626\,695\,680\ t^{51} + 981\,442\,890\,707\,842\,891\,776\ t^{52} -$$
$$284\,129\,306\,322\,403\,328\,000\ t^{53} + 74\,362\,425\,171\,402\,293\,248\ t^{54} - 17\,432\,590\,057\,092\,415\,488\ t^{55} +$$
$$3\,617\,558\,582\,649\,683\,968\ t^{56} - 654\,631\,898\,621\,935\,616\ t^{57} + 101\,350\,166\,765\,764\,608\ t^{58} -$$
$$13\,100\,062\,569\,660\,416\ t^{59} + 1\,368\,805\,540\,364\,288\ t^{60} - 110\,552\,458\,199\,040\ t^{61} +$$
$$6\,446\,745\,911\,296\ t^{62} - 240\,518\,168\,576\ t^{63} + 4\,294\,967\,296\ t^{64} - 4000\ y1 + 216\,600\ t\ y1 -$$
$$5\,702\,680\ t^{2}\ y1 + 97\,539\,568\ t^{3}\ y1 - 1\,221\,562\,080\ t^{4}\ y1 + 11\,966\,552\,584\ t^{5}\ y1 -$$
$$95\,625\,632\,944\ t^{6}\ y1 + 641\,674\,691\,608\ t^{7}\ y1 - 3\,692\,707\,831\,416\ t^{8}\ y1 + 18\,516\,695\,275\,680\ t^{9}\ y1 -$$
$$81\,902\,617\,965\,240\ t^{10}\ y1 + 322\,648\,575\,082\,248\ t^{11}\ y1 - 1\,140\,712\,792\,143\,624\ t^{12}\ y1 +$$
$$3\,641\,511\,328\,640\,608\ t^{13}\ y1 - 10\,547\,603\,075\,676\,368\ t^{14}\ y1 + 27\,826\,875\,464\,584\,416\ t^{15}\ y1 -$$
$$67\,069\,460\,443\,745\,216\ t^{16}\ y1 + 148\,027\,992\,019\,842\,176\ t^{17}\ y1 - 299\,691\,548\,375\,182\,464\ t^{18}\ y1 +$$
$$557\,250\,760\,144\,807\,680\ t^{19}\ y1 - 952\,395\,306\,815\,739\,904\ t^{20}\ y1 + 1\,496\,768\,733\,734\,647\,296\ t^{21}\ y1 -$$
$$2\,163\,215\,257\,621\,039\,616\ t^{22}\ y1 + 2\,874\,504\,742\,766\,783\,488\ t^{23}\ y1 -$$
$$3\,510\,306\,702\,824\,399\,872\ t^{24}\ y1 + 3\,936\,866\,962\,568\,120\,320\ t^{25}\ y1 -$$
$$4\,051\,381\,625\,309\,189\,120\ t^{26}\ y1 + 3\,821\,699\,474\,011\,052\,032\ t^{27}\ y1 -$$
$$3\,300\,712\,716\,976\,795\,648\ t^{28}\ y1 + 2\,606\,783\,469\,604\,503\,552\ t^{29}\ y1 -$$
$$1\,879\,972\,317\,771\,960\,320\ t^{30}\ y1 + 1\,236\,232\,849\,027\,694\,592\ t^{31}\ y1 - 740\,005\,743\,637\,389\,312\ t^{32}\ y1 +$$
$$402\,466\,582\,121\,152\,512\ t^{33}\ y1 - 198\,416\,923\,984\,117\,760\ t^{34}\ y1 + 88\,406\,939\,570\,864\,128\ t^{35}\ y1 -$$
$$35\,457\,278\,556\,995\,584\ t^{36}\ y1 + 12\,729\,322\,159\,341\,568\ t^{37}\ y1 - 4\,058\,347\,242\,455\,040\ t^{38}\ y1 +$$
$$1\,136\,181\,934\,555\,136\ t^{39}\ y1 - 274\,881\,787\,068\,416\ t^{40}\ y1 + 56\,177\,935\,777\,792\ t^{41}\ y1 -$$
$$9\,389\,230\,522\,368\ t^{42}\ y1 + 1\,224\,237\,645\,824\ t^{43}\ y1 - 115\,819\,413\,504\ t^{44}\ y1 + 7\,004\,487\,680\ t^{45}\ y1 -$$
$$201\,326\,592\ t^{46}\ y1 + 600\ y1^{2} - 21\,360\ t\ y1^{2} + 363\,784\ t^{2}\ y1^{2} - 3\,973\,192\ t^{3}\ y1^{2} + 31\,438\,724\ t^{4}\ y1^{2} -$$
$$192\,790\,468\ t^{5}\ y1^{2} + 955\,789\,692\ t^{6}\ y1^{2} - 3\,940\,718\,816\ t^{7}\ y1^{2} + 13\,778\,118\,308\ t^{8}\ y1^{2} -$$
$$41\,409\,449\,568\ t^{9}\ y1^{2} + 107\,993\,721\,304\ t^{10}\ y1^{2} - 245\,984\,523\,936\ t^{11}\ y1^{2} + 491\,536\,176\,384\ t^{12}\ y1^{2} -$$
$$864\,302\,661\,888\ t^{13}\ y1^{2} + 1\,340\,254\,009\,984\ t^{14}\ y1^{2} - 1\,836\,043\,600\,320\ t^{15}\ y1^{2} +$$
$$2\,225\,904\,269\,888\ t^{16}\ y1^{2} - 2\,393\,117\,568\,512\ t^{17}\ y1^{2} + 2\,287\,971\,111\,040\ t^{18}\ y1^{2} -$$
$$1\,952\,007\,279\,616\ t^{19}\ y1^{2} + 1\,491\,684\,295\,424\ t^{20}\ y1^{2} - 1\,023\,614\,621\,696\ t^{21}\ y1^{2} +$$
$$630\,107\,341\,824\ t^{22}\ y1^{2} - 345\,537\,453\,056\ t^{23}\ y1^{2} + 166\,505\,068\,544\ t^{24}\ y1^{2} - 69\,176\,889\,344\ t^{25}\ y1^{2} +$$
$$24\,250\,370\,048\ t^{26}\ y1^{2} - 7\,008\,608\,256\ t^{27}\ y1^{2} + 1\,619\,218\,432\ t^{28}\ y1^{2} - 281\,018\,368\ t^{29}\ y1^{2} +$$
$$31\,064\,064\ t^{30}\ y1^{2} - 1\,048\,576\ t^{31}\ y1^{2} - 131\,072\ t^{32}\ y1^{2} - 40\ y1^{3} + 702\ t\ y1^{3} - 5596\ t^{2}\ y1^{3} +$$
$$27\,676\ t^{3}\ y1^{3} - 96\,122\ t^{4}\ y1^{3} + 248\,120\ t^{5}\ y1^{3} - 487\,136\ t^{6}\ y1^{3} + 730\,944\ t^{7}\ y1^{3} - 834\,024\ t^{8}\ y1^{3} +$$
$$716\,960\ t^{9}\ y1^{3} - 461\,120\ t^{10}\ y1^{3} + 222\,976\ t^{11}\ y1^{3} - 82\,144\ t^{12}\ y1^{3} + 21\,888\ t^{13}\ y1^{3} - 3072\ t^{14}\ y1^{3} + y1^{4}$$

In[ ]:=
```
RootReduce[Solve[% == 0 /. t → 4 / 5]]
```

Out[ ]=
```
{{y1 → -0.0841 ...}, {y1 → -0.0211 ...}, {y1 → -4.42 ... × 10^-3}, {y1 → 0.0110 ...}}
```

In[ ]:=
```
qq5 = Factor[Resultant[y3 ^ 2 - 9 (p31 + p32 ωω) zs ^ 3, t ωω ^ 2 - (4 - 11 t + 8 t^2), ωω]][[-1]];
```

In[ ]:=
```
qq5b = Factor[Resultant[qq5, qq1, zs]][[6]]
```

Out[ ]=
```
-50 625 + 3 958 875 t - 153 061 650 t^2 + 3 910 030 380 t^3 - 74 392 864 911 t^4 +
1 126 375 088 409 t^5 - 14 156 880 317 496 t^6 + 152 088 351 570 486 t^7 - 1 426 857 426 038 979 t^8 +
11 882 541 757 909 869 t^9 - 88 966 858 701 444 750 t^10 + 605 017 029 116 535 588 t^11 -
3 768 107 949 626 580 909 t^12 + 21 639 695 715 784 607 211 t^13 - 115 240 470 608 815 302 312 t^14 +
571 793 217 165 984 817 314 t^15 - 2 653 894 132 325 448 667 632 t^16 +
11 561 235 419 829 371 248 404 t^17 - 47 407 461 763 150 230 940 080 t^18 +
183 431 010 692 591 890 559 208 t^19 - 671 102 199 587 135 113 551 072 t^20 +
2 325 776 467 735 627 944 853 968 t^21 - 7 646 630 013 648 311 782 874 112 t^22 +
23 881 155 083 821 185 665 667 840 t^23 - 70 924 696 833 257 357 668 059 456 t^24 +
200 490 603 639 895 761 256 169 280 t^25 - 539 851 953 850 154 577 572 954 112 t^26 +
1 385 506 679 185 621 286 870 049 792 t^27 - 3 390 864 781 051 509 728 704 086 528 t^28 +
7 916 720 751 760 333 246 917 184 512 t^29 - 17 637 339 307 858 047 126 452 671 488 t^30 +
37 501 790 402 109 418 354 739 524 608 t^31 - 76 110 040 546 840 505 846 679 819 264 t^32 +
147 437 163 563 641 060 340 932 402 176 t^33 - 272 594 842 559 114 373 226 107 334 656 t^34 +
480 964 637 861 743 801 624 468 457 472 t^35 - 809 660 822 291 074 006 262 321 246 208 t^36 +
1 300 077 628 560 589 798 874 163 879 936 t^37 - 1 990 521 935 726 579 085 282 676 015 104 t^38 +
2 904 869 219 631 297 578 581 543 796 736 t^39 - 4 038 824 653 472 347 352 211 708 002 304 t^40 +
5 347 328 548 775 411 306 801 100 865 536 t^41 - 6 738 077 063 986 890 509 432 556 748 800 t^42 +
8 076 003 892 442 576 998 568 936 865 792 t^43 - 9 201 199 066 313 513 704 899 004 071 936 t^44 +
9 958 377 239 591 250 063 139 078 275 072 t^45 - 10 231 091 141 104 666 399 788 269 568 000 t^46 +
9 970 631 250 502 453 464 324 311 875 584 t^47 - 9 209 892 430 259 326 416 407 036 166 144 t^48 +
8 056 892 164 629 048 198 045 382 213 632 t^49 - 6 669 557 610 506 883 097 822 107 795 456 t^50 +
5 219 901 844 006 320 639 436 729 614 336 t^51 - 3 858 902 207 520 712 839 558 494 945 280 t^52 +
2 692 016 168 165 661 131 634 401 869 824 t^53 - 1 770 308 800 918 997 215 878 366 363 648 t^54 +
1 096 178 629 057 100 650 101 954 576 384 t^55 - 638 297 141 851 517 730 554 162 184 192 t^56 +
349 019 486 717 864 552 852 669 595 648 t^57 - 178 913 882 673 824 035 385 345 310 720 t^58 +
85 816 240 747 208 346 701 251 215 360 t^59 - 38 427 374 085 193 900 256 391 069 696 t^60 +
16 020 953 992 881 616 651 586 371 584 t^61 - 6 198 937 685 864 384 526 305 722 368 t^62 +
2 217 461 381 328 814 340 441 112 576 t^63 - 729 955 722 258 500 243 901 382 656 t^64 +
219 897 322 818 293 657 656 885 248 t^65 - 60 215 523 733 540 415 433 867 264 t^66 +
14 867 485 663 769 192 866 775 040 t^67 - 3 277 497 897 151 319 569 858 560 t^68 +
637 446 524 909 193 932 046 336 t^69 - 107 795 606 650 838 166 011 904 t^70 +
15 564 489 920 366 078 066 688 t^71 - 1 874 998 728 547 922 608 128 t^72 +
182 757 080 160 194 789 376 t^73 - 13 803 188 435 873 169 408 t^74 + 755 655 583 985 565 696 t^75 -
26 601 240 725 028 864 t^76 + 450 868 486 864 896 t^77 - 27 000 t^3 y3 + 1 629 450 t^4 y3 -
48 007 080 t^5 y3 + 917 497 530 t^6 y3 - 12 753 810 828 t^7 y3 + 137 011 415 598 t^8 y3 -
1 178 320 525 326 t^9 y3 + 8 266 565 178 630 t^10 y3 - 47 450 960 242 056 t^11 y3 +
```

$$217\,965\,663\,930\,060\ t^{12}\ y3 - 730\,470\,057\,480\,882\ t^{13}\ y3 + 1\,006\,320\,168\,658\,656\ t^{14}\ y3 +$$
$$8\,578\,783\,146\,198\,744\ t^{15}\ y3 - 94\,889\,223\,928\,129\,032\ t^{16}\ y3 + 605\,959\,115\,271\,899\,472\ t^{17}\ y3 -$$
$$3\,054\,603\,696\,173\,802\,288\ t^{18}\ y3 + 13\,162\,517\,278\,235\,949\,600\ t^{19}\ y3 -$$
$$50\,140\,533\,733\,866\,000\,000\ t^{20}\ y3 + 171\,880\,335\,421\,010\,811\,072\ t^{21}\ y3 -$$
$$535\,922\,884\,503\,480\,896\,640\ t^{22}\ y3 + 1\,530\,586\,807\,226\,982\,673\,920\ t^{23}\ y3 -$$
$$4\,023\,366\,703\,169\,073\,489\,792\ t^{24}\ y3 + 9\,767\,727\,002\,373\,136\,803\,072\ t^{25}\ y3 -$$
$$21\,956\,332\,154\,543\,219\,999\,232\ t^{26}\ y3 + 45\,781\,442\,341\,617\,302\,654\,976\ t^{27}\ y3 -$$
$$88\,668\,349\,450\,123\,832\,593\,920\ t^{28}\ y3 + 159\,667\,774\,535\,298\,921\,910\,272\ t^{29}\ y3 -$$
$$267\,499\,249\,935\,583\,126\,238\,208\ t^{30}\ y3 + 417\,120\,810\,145\,993\,291\,935\,744\ t^{31}\ y3 -$$
$$605\,506\,734\,885\,678\,455\,697\,408\ t^{32}\ y3 + 818\,268\,720\,677\,731\,044\,237\,312\ t^{33}\ y3 -$$
$$1\,029\,251\,214\,419\,658\,069\,786\,624\ t^{34}\ y3 + 1\,204\,637\,828\,710\,831\,634\,202\,624\ t^{35}\ y3 -$$
$$1\,311\,291\,122\,903\,109\,290\,999\,808\ t^{36}\ y3 + 1\,326\,740\,614\,430\,894\,990\,770\,176\ t^{37}\ y3 -$$
$$1\,246\,789\,964\,326\,522\,998\,472\,704\ t^{38}\ y3 + 1\,087\,262\,780\,445\,911\,590\,797\,312\ t^{39}\ y3 -$$
$$878\,933\,407\,958\,562\,836\,938\,752\ t^{40}\ y3 + 657\,851\,461\,438\,164\,417\,183\,744\ t^{41}\ y3 -$$
$$455\,229\,083\,903\,111\,504\,658\,432\ t^{42}\ y3 + 290\,757\,095\,601\,657\,519\,144\,960\ t^{43}\ y3 -$$
$$171\,061\,834\,271\,118\,349\,565\,952\ t^{44}\ y3 + 92\,477\,164\,889\,488\,319\,447\,040\ t^{45}\ y3 -$$
$$45\,799\,498\,720\,685\,933\,199\,360\ t^{46}\ y3 + 20\,700\,693\,965\,213\,754\,458\,112\ t^{47}\ y3 -$$
$$8\,497\,996\,033\,617\,893\,523\,456\ t^{48}\ y3 + 3\,149\,031\,076\,985\,466\,519\,552\ t^{49}\ y3 -$$
$$1\,044\,990\,456\,234\,491\,510\,784\ t^{50}\ y3 + 307\,362\,307\,711\,212\,453\,888\ t^{51}\ y3 -$$
$$79\,063\,973\,578\,319\,855\,616\ t^{52}\ y3 + 17\,477\,952\,253\,483\,548\,672\ t^{53}\ y3 -$$
$$3\,244\,169\,410\,306\,375\,680\ t^{54}\ y3 + 489\,902\,183\,949\,533\,184\ t^{55}\ y3 - 57\,544\,659\,060\,129\,792\ t^{56}\ y3 +$$
$$4\,906\,350\,286\,995\,456\ t^{57}\ y3 - 268\,583\,766\,589\,440\ t^{58}\ y3 + 7\,044\,820\,107\,264\ t^{59}\ y3 + 1800\ t^{5}\ y3^{2} -$$
$$36\,180\ t^{6}\ y3^{2} + 22\,212\ t^{7}\ y3^{2} + 7\,248\,168\ t^{8}\ y3^{2} - 119\,941\,200\ t^{9}\ y3^{2} + 1\,088\,729\,532\ t^{10}\ y3^{2} -$$
$$6\,558\,844\,284\ t^{11}\ y3^{2} + 26\,211\,089\,520\ t^{12}\ y3^{2} - 48\,769\,519\,608\ t^{13}\ y3^{2} - 216\,880\,864\,776\ t^{14}\ y3^{2} +$$
$$2\,693\,731\,062\,960\ t^{15}\ y3^{2} - 16\,154\,797\,610\,880\ t^{16}\ y3^{2} + 72\,191\,665\,669\,392\ t^{17}\ y3^{2} -$$
$$264\,536\,085\,899\,232\ t^{18}\ y3^{2} + 825\,510\,990\,926\,304\ t^{19}\ y3^{2} - 2\,235\,085\,420\,322\,304\ t^{20}\ y3^{2} +$$
$$5\,304\,756\,173\,781\,312\ t^{21}\ y3^{2} - 11\,104\,083\,457\,331\,328\ t^{22}\ y3^{2} + 20\,577\,962\,058\,624\,000\ t^{23}\ y3^{2} -$$
$$33\,846\,941\,437\,899\,264\ t^{24}\ y3^{2} + 49\,500\,220\,340\,328\,192\ t^{25}\ y3^{2} - 64\,456\,111\,956\,225\,024\ t^{26}\ y3^{2} +$$
$$74\,820\,462\,178\,885\,632\ t^{27}\ y3^{2} - 77\,522\,872\,225\,250\,304\ t^{28}\ y3^{2} + 71\,805\,582\,304\,275\,456\ t^{29}\ y3^{2} -$$
$$59\,573\,386\,754\,887\,680\ t^{30}\ y3^{2} + 44\,375\,828\,724\,320\,256\ t^{31}\ y3^{2} - 29\,753\,339\,654\,098\,944\ t^{32}\ y3^{2} +$$
$$17\,990\,944\,288\,174\,080\ t^{33}\ y3^{2} - 9\,812\,486\,583\,558\,144\ t^{34}\ y3^{2} + 4\,814\,236\,038\,094\,848\ t^{35}\ y3^{2} -$$
$$2\,111\,430\,289\,195\,008\ t^{36}\ y3^{2} + 819\,804\,080\,553\,984\ t^{37}\ y3^{2} - 278\,169\,240\,895\,488\ t^{38}\ y3^{2} +$$
$$81\,070\,151\,860\,224\ t^{39}\ y3^{2} - 19\,771\,363\,491\,840\ t^{40}\ y3^{2} + 3\,857\,376\,411\,648\ t^{41}\ y3^{2} -$$
$$552\,358\,379\,520\ t^{42}\ y3^{2} + 47\,563\,407\,360\ t^{43}\ y3^{2} - 849\,346\,560\ t^{44}\ y3^{2} - 169\,869\,312\ t^{45}\ y3^{2} +$$
$$480\ t^{8}\ y3^{3} - 6600\ t^{9}\ y3^{3} + 27\,672\ t^{10}\ y3^{3} + 132\,264\ t^{11}\ y3^{3} - 2\,471\,208\ t^{12}\ y3^{3} + 17\,202\,432\ t^{13}\ y3^{3} -$$
$$77\,876\,304\ t^{14}\ y3^{3} + 257\,614\,704\ t^{15}\ y3^{3} - 651\,810\,912\ t^{16}\ y3^{3} + 1\,288\,760\,544\ t^{17}\ y3^{3} -$$
$$2\,012\,321\,664\ t^{18}\ y3^{3} + 2\,494\,209\,408\ t^{19}\ y3^{3} - 2\,460\,829\,056\ t^{20}\ y3^{3} + 1\,936\,948\,608\ t^{21}\ y3^{3} -$$
$$1\,218\,772\,224\ t^{22}\ y3^{3} + 612\,027\,648\ t^{23}\ y3^{3} - 241\,380\,864\ t^{24}\ y3^{3} + 71\,096\,832\ t^{25}\ y3^{3} -$$
$$13\,879\,296\ t^{26}\ y3^{3} + 1\,327\,104\ t^{27}\ y3^{3} - 16\ t^{10}\ y3^{4} + 48\ t^{11}\ y3^{4} - 48\ t^{12}\ y3^{4} + 16\ t^{13}\ y3^{4}$$

In[ ]:=
```
RootReduce[Solve[% == 0 /. t → 4/5]]
```

Out[ ]= $\{\{y3 \to -12.2\ldots\}, \{y3 \to -0.0223\ldots\}, \{y3 \to -1.76\ldots \times 10^{-3}\}, \{y3 \to 0.161\ldots\}\}$

In[ ]:=
```
qq45a = Factor[Resultant[y13 - (y1 + y3), qq4b , y1]];
```

In[ ]:=
```
qq45b = Factor[Resultant[qq45a , qq5b , y3]][[2]]
```

Out[ ]=

$$
\begin{aligned}
&-50\,625 + 3\,958\,875\ t - 153\,061\,650\ t^{2} + 3\,910\,435\,380\ t^{3} - 74\,423\,658\,411\ t^{4} + \\
&1\,127\,529\,858\,609\ t^{5} - 14\,185\,392\,984\,936\ t^{6} + 152\,610\,347\,843\,154\ t^{7} - 1\,434\,421\,264\,607\,127\ t^{8} + \\
&11\,972\,953\,778\,145\,969\ t^{9} - 89\,884\,131\,057\,600\,094\ t^{10} + 613\,081\,383\,654\,879\,420\ t^{11} - \\
&3\,830\,516\,789\,139\,040\,001\ t^{12} + 22\,070\,019\,812\,059\,970\,859\ t^{13} - 117\,909\,505\,010\,048\,494\,024\ t^{14} + \\
&586\,796\,357\,985\,116\,963\,662\ t^{15} - 2\,730\,776\,776\,353\,261\,951\,052\ t^{16} + \\
&11\,922\,003\,321\,536\,081\,355\,752\ t^{17} - 48\,962\,530\,015\,405\,218\,412\,880\ t^{18} + \\
&189\,599\,639\,280\,302\,038\,347\,264\ t^{19} - 693\,628\,718\,825\,142\,577\,841\,792\ t^{20} + \\
&2\,401\,387\,287\,338\,197\,849\,468\,288\ t^{21} - 7\,878\,877\,564\,470\,335\,566\,733\,312\ t^{22} + \\
&24\,527\,996\,552\,337\,611\,896\,041\,888\ t^{23} - 72\,527\,673\,390\,775\,271\,722\,913\,216\ t^{24} + \\
&203\,876\,856\,767\,522\,394\,543\,122\,048\ t^{25} - 545\,220\,314\,242\,806\,293\,540\,058\,368\ t^{26} + \\
&1\,387\,968\,000\,929\,403\,393\,204\,377\,856\ t^{27} - 3\,365\,159\,100\,468\,836\,195\,845\,248\,768\ t^{28} + \\
&7\,773\,611\,930\,049\,050\,469\,640\,780\,544\ t^{29} - 17\,114\,521\,701\,975\,286\,480\,790\,790\,144\ t^{30} + \\
&35\,919\,439\,644\,630\,486\,012\,697\,834\,496\ t^{31} - 71\,875\,858\,283\,425\,118\,296\,148\,867\,072\ t^{32} + \\
&137\,139\,050\,481\,168\,890\,023\,892\,572\,160\ t^{33} - 249\,500\,759\,239\,367\,409\,777\,822\,822\,400\ t^{34} + \\
&432\,809\,857\,480\,563\,361\,538\,578\,743\,296\ t^{35} - 715\,804\,068\,142\,926\,518\,778\,958\,749\,696\ t^{36} + \\
&1\,128\,487\,225\,668\,933\,109\,596\,437\,569\,536\ t^{37} - 1\,695\,570\,404\,562\,147\,237\,954\,684\,993\,536\ t^{38} + \\
&2\,427\,399\,557\,275\,849\,753\,191\,882\,571\,776\ t^{39} - 3\,310\,103\,354\,904\,742\,787\,479\,897\,866\,240\ t^{40} + \\
&4\,297\,984\,586\,815\,598\,527\,364\,973\,363\,200\ t^{41} - 5\,311\,771\,488\,772\,684\,258\,343\,618\,347\,008\ t^{42} + \\
&6\,245\,594\,604\,753\,568\,358\,544\,035\,479\,552\ t^{43} - 6\,983\,247\,816\,490\,372\,214\,533\,582\,290\,944\ t^{44} + \\
&7\,420\,970\,204\,711\,420\,638\,619\,266\,908\,160\ t^{45} - 7\,490\,914\,273\,606\,694\,642\,794\,521\,165\,824\ t^{46} + \\
&7\,178\,143\,202\,680\,408\,426\,066\,831\,605\,760\ t^{47} - 6\,525\,372\,632\,176\,310\,297\,472\,750\,321\,664\ t^{48} + \\
&5\,623\,501\,766\,915\,746\,403\,403\,600\,756\,736\ t^{49} - 4\,590\,787\,849\,674\,183\,104\,727\,210\,786\,816\ t^{50} + \\
&3\,547\,257\,364\,746\,578\,572\,923\,632\,615\,424\ t^{51} - 2\,592\,038\,163\,010\,574\,933\,797\,339\,398\,144\ t^{52} + \\
&1\,789\,443\,075\,658\,736\,251\,901\,324\,558\,336\ t^{53} - 1\,165\,911\,697\,255\,212\,797\,033\,067\,839\,488\ t^{54} + \\
&716\,105\,391\,711\,331\,488\,503\,385\,030\,656\ t^{55} - 414\,075\,633\,152\,921\,601\,122\,429\,304\,832\ t^{56} + \\
&225\,071\,821\,688\,157\,607\,614\,163\,714\,048\ t^{57} - 114\,801\,598\,549\,294\,377\,383\,405\,551\,616\ t^{58} + \\
&54\,838\,067\,461\,370\,775\,633\,313\,923\,072\ t^{59} - 24\,473\,308\,838\,257\,770\,421\,333\,000\,192\ t^{60} + \\
&10\,175\,635\,786\,356\,702\,427\,490\,549\,760\ t^{61} - 3\,928\,648\,608\,816\,552\,516\,886\,986\,752\ t^{62} + \\
&1\,402\,864\,319\,774\,927\,747\,903\,651\,840\ t^{63} - 461\,128\,144\,209\,495\,510\,724\,116\,480\ t^{64} + \\
&138\,738\,449\,577\,521\,075\,950\,977\,024\ t^{65} - 37\,947\,576\,192\,760\,419\,585\,097\,728\ t^{66} + \\
&9\,358\,971\,293\,011\,224\,960\,172\,032\ t^{67} - 2\,060\,842\,383\,023\,740\,375\,007\,232\ t^{68} + \\
&400\,356\,701\,201\,305\,845\,104\,640\ t^{69} - 67\,623\,662\,610\,247\,315\,357\,696\ t^{70} + \\
&9\,752\,902\,622\,421\,882\,765\,312\ t^{71} - 1\,173\,623\,989\,143\,915\,724\,800\ t^{72} + \\
&114\,283\,313\,357\,828\,128\,768\ t^{73} - 8\,624\,709\,945\,763\,299\,328\ t^{74} + 471\,892\,798\,455\,414\,784\ t^{75} - \\
&16\,607\,023\,625\,928\,704\ t^{76} + 281\,474\,976\,710\,656\ t^{77} - 27\,000\ t^{3}\ y13 + 1\,629\,450\ t^{4}\ y13 - \\
&48\,043\,080\ t^{5}\ y13 + 919\,158\,930\ t^{6}\ y13 - 12\,788\,553\,348\ t^{7}\ y13 + 137\,429\,003\,910\ t^{8}\ y13 - \\
&1\,181\,073\,152\,574\ t^{9}\ y13 + 8\,266\,905\,676\,030\ t^{10}\ y13 - 47\,224\,714\,269\,192\ t^{11}\ y13 + \\
&214\,830\,057\,050\,812\ t^{12}\ y13 - 702\,918\,654\,330\,746\ t^{13}\ y13 + 821\,803\,436\,626\,848\ t^{14}\ y13 + \\
&9\,576\,696\,891\,101\,728\ t^{15}\ y13 - 99\,326\,653\,885\,163\,152\ t^{16}\ y13 + 621\,989\,732\,560\,229\,048\ t^{17}\ y13 - \\
&3\,098\,475\,139\,576\,274\,624\ t^{18}\ y13 + 13\,225\,949\,159\,575\,715\,264\ t^{19}\ y13 -
\end{aligned}
$$

$$49\,948\,746\,691\,859\,974\,976\ t^{20}\ y13 + 169\,777\,997\,508\,413\,293\,824\ t^{21}\ y13 -$$
$$524\,818\,813\,502\,930\,922\,432\ t^{22}\ y13 + 1\,485\,494\,816\,242\,318\,191\,680\ t^{23}\ y13 -$$
$$3\,868\,274\,471\,274\,422\,758\,528\ t^{24}\ y13 + 9\,298\,626\,477\,835\,009\,130\,880\ t^{25}\ y13 -$$
$$20\,685\,019\,973\,623\,342\,788\,096\ t^{26}\ y13 + 42\,661\,166\,504\,854\,864\,580\,096\ t^{27}\ y13 -$$
$$81\,686\,396\,361\,326\,596\,245\,504\ t^{28}\ y13 + 145\,362\,380\,563\,243\,894\,810\,624\ t^{29}\ y13 -$$
$$240\,581\,028\,262\,782\,759\,533\,568\ t^{30}\ y13 + 370\,508\,670\,116\,329\,172\,640\,768\ t^{31}\ y13 -$$
$$531\,126\,019\,666\,544\,033\,757\,184\ t^{32}\ y13 + 708\,790\,388\,145\,352\,594\,690\,048\ t^{33}\ y13 -$$
$$880\,539\,754\,257\,396\,128\,989\,184\ t^{34}\ y13 + 1\,018\,159\,758\,279\,706\,855\,342\,080\ t^{35}\ y13 -$$
$$1\,095\,419\,210\,766\,913\,872\,715\,776\ t^{36}\ y13 + 1\,096\,075\,012\,859\,540\,232\,282\,112\ t^{37}\ y13 -$$
$$1\,019\,360\,158\,887\,657\,453\,223\,936\ t^{38}\ y13 + 880\,447\,775\,514\,090\,631\,217\,152\ t^{39}\ y13 -$$
$$705\,587\,499\,576\,547\,493\,904\,384\ t^{40}\ y13 + 524\,038\,178\,876\,668\,838\,838\,272\ t^{41}\ y13 -$$
$$360\,187\,221\,483\,028\,052\,901\,888\ t^{42}\ y13 + 228\,722\,470\,410\,329\,724\,092\,416\ t^{43}\ y13 -$$
$$133\,908\,820\,378\,274\,869\,805\,056\ t^{44}\ y13 + 72\,099\,856\,053\,729\,057\,308\,672\ t^{45}\ y13 -$$
$$35\,590\,258\,047\,521\,345\,503\,232\ t^{46}\ y13 + 16\,043\,800\,404\,334\,400\,765\,952\ t^{47}\ y13 -$$
$$6\,572\,392\,659\,062\,154\,592\,256\ t^{48}\ y13 + 2\,431\,367\,194\,583\,821\,713\,408\ t^{49}\ y13 -$$
$$805\,717\,557\,139\,828\,899\,840\ t^{50}\ y13 + 236\,699\,179\,289\,547\,898\,880\ t^{51}\ y13 -$$
$$60\,817\,704\,900\,955\,734\,016\ t^{52}\ y13 + 13\,428\,681\,281\,537\,835\,008\ t^{53}\ y13 -$$
$$2\,489\,374\,209\,260\,650\,496\ t^{54}\ y13 + 375\,380\,544\,323\,584\,000\ t^{55}\ y13 -$$
$$44\,022\,018\,919\,628\,800\ t^{56}\ y13 + 3\,746\,826\,389\,815\,296\ t^{57}\ y13 - 204\,732\,501\,065\,728\ t^{58}\ y13 +$$
$$5\,360\,119\,185\,408\ t^{59}\ y13 + 1800\ t^{5}\ y13^{2} - 36\,180\ t^{6}\ y13^{2} + 22\,212\ t^{7}\ y13^{2} + 7\,231\,368\ t^{8}\ y13^{2} -$$
$$119\,396\,400\ t^{9}\ y13^{2} + 1\,080\,546\,204\ t^{10}\ y13^{2} - 6\,484\,944\,924\ t^{11}\ y13^{2} + 25\,791\,759\,824\ t^{12}\ y13^{2} -$$
$$47\,599\,791\,080\ t^{13}\ y13^{2} - 212\,967\,835\,016\ t^{14}\ y13^{2} + 2\,621\,337\,417\,968\ t^{15}\ y13^{2} -$$
$$15\,624\,667\,955\,296\ t^{16}\ y13^{2} + 69\,424\,337\,870\,656\ t^{17}\ y13^{2} - 252\,994\,111\,706\,304\ t^{18}\ y13^{2} +$$
$$785\,267\,532\,093\,120\ t^{19}\ y13^{2} - 2\,115\,012\,434\,372\,928\ t^{20}\ y13^{2} + 4\,993\,923\,314\,093\,120\ t^{21}\ y13^{2} -$$
$$10\,399\,747\,117\,560\,960\ t^{22}\ y13^{2} + 19\,172\,598\,490\,488\,832\ t^{23}\ y13^{2} - 31\,367\,481\,478\,908\,160\ t^{24}\ y13^{2} +$$
$$45\,620\,514\,086\,251\,776\ t^{25}\ y13^{2} - 59\,059\,326\,025\,118\,720\ t^{26}\ y13^{2} + 68\,133\,189\,426\,957\,312\ t^{27}\ y13^{2} -$$
$$70\,126\,579\,284\,702\,208\ t^{28}\ y13^{2} + 64\,487\,467\,402\,708\,992\ t^{29}\ y13^{2} - 53\,079\,240\,416\,911\,360\ t^{30}\ y13^{2} +$$
$$39\,192\,646\,026\,196\,992\ t^{31}\ y13^{2} - 26\,023\,397\,857\,423\,360\ t^{32}\ y13^{2} + 15\,568\,005\,197\,221\,888\ t^{33}\ y13^{2} -$$
$$8\,393\,812\,568\,965\,120\ t^{34}\ y13^{2} + 4\,069\,337\,433\,866\,240\ t^{35}\ y13^{2} - 1\,763\,832\,290\,344\,960\ t^{36}\ y13^{2} +$$
$$677\,403\,544\,911\,872\ t^{37}\ y13^{2} - 227\,702\,277\,931\,008\ t^{38}\ y13^{2} + 65\,870\,796\,423\,168\ t^{39}\ y13^{2} -$$
$$15\,976\,517\,074\,944\ t^{40}\ y13^{2} + 3\,104\,046\,055\,424\ t^{41}\ y13^{2} - 442\,775\,896\,064\ t^{42}\ y13^{2} +$$
$$37\,950\,062\,592\ t^{43}\ y13^{2} - 671\,088\,640\ t^{44}\ y13^{2} - 134\,217\,728\ t^{45}\ y13^{2} + 480\ t^{8}\ y13^{3} -$$
$$6600\ t^{9}\ y13^{3} + 28\,312\ t^{10}\ y13^{3} + 119\,112\ t^{11}\ y13^{3} - 2\,346\,056\ t^{12}\ y13^{3} + 16\,456\,672\ t^{13}\ y13^{3} -$$
$$74\,730\,064\ t^{14}\ y13^{3} + 247\,612\,944\ t^{15}\ y13^{3} - 627\,050\,304\ t^{16}\ y13^{3} + 1\,240\,235\,200\ t^{17}\ y13^{3} -$$
$$1\,936\,539\,520\ t^{18}\ y13^{3} + 2\,399\,825\,408\ t^{19}\ y13^{3} - 2\,367\,308\,800\ t^{20}\ y13^{3} + 1\,863\,488\,768\ t^{21}\ y13^{3} -$$
$$1\,173\,149\,952\ t^{22}\ y13^{3} + 589\,653\,760\ t^{23}\ y13^{3} - 232\,770\,560\ t^{24}\ y13^{3} + 68\,584\,448\ t^{25}\ y13^{3} -$$
$$13\,381\,632\ t^{26}\ y13^{3} + 1\,277\,952\ t^{27}\ y13^{3} - 16\ t^{10}\ y13^{4} + 48\ t^{11}\ y13^{4} - 48\ t^{12}\ y13^{4} + 16\ t^{13}\ y13^{4}$$

In[ ]:=
```
Solve[% == 0 /. t → 4/5]
```

Out[ ]= $\{\{y13 \to -12.3\ldots\}, \{y13 \to -0.0114\ldots\}, \{y13 \to -6.18\ldots \times 10^{-3}\}, \{y13 \to 0.139\ldots\}\}$

In[ ]:=
```
RootReduce[
 {-3 Sqrt[p31 + p32 ωω], Sqrt[p11 + p12 ωω]}.Table[(-Sqrt[z2s])^j, {j, 3, 1, -2}] /. ωω → ω /.
  {t → 4/5}]
```

Out[ ]= 0.139 ...

In[ ]:=
```
RootReduce[{-3 Sqrt[p31 + p32 ωω]}.Table[(-Sqrt[z2s])^j, {j, 3, 3, -2}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= 0.161 ...

In[ ]:=
```
RootReduce[{Sqrt[p11 + p12 ωω]}.Table[(-Sqrt[z2s])^j, {j, 1, 1, -2}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= -0.0211 ...

In[ ]:=
```
RootReduce[zs /. Solve[qq4 == 0 /. {t → 4/5, y1 -> -0.0211 ...}]]
```

Out[ ]= {-1.03 ..., 0.356 ...}

In[ ]:=
```
RootReduce[zs /. Solve[qq5 == 0 /. {t → 4/5, y3 -> 0.161 ...}]]
```

Out[ ]= {0.453 ... + 0.785 ... i, -0.178 ... - 0.308 ... i, 0.356 ..., -0.178 ... + 0.308 ... i, -0.907 ..., 0.453 ... - 0.785 ... i}

In[ ]:=
```
Solve[qq45b[[1]] == 0 /. {t → 4/5, zs -> 0.356 ...}, Reals]
```

Out[ ]= {{y13 → -0.139 ...}, {y13 → 0.139 ...}}

In[ ]:=
```
qq6 = Factor[Resultant[y5^2 - 25 (p51 + p52 ωω) zs^5, t ωω^2 - (4 - 11 t + 8 t^2), ωω]][[-1]];
```

In[ ]:=
```
qq6b = Factor[Resultant[qq6, qq1, zs]][[5]]
```

Out[ ]=

$$6\,250\,000 - 460\,000\,000\,t + 16\,869\,125\,000\,t^2 - 411\,207\,975\,000\,t^3 + 7\,499\,285\,800\,625\,t^4 - 109\,184\,508\,681\,250\,t^5 + 1\,322\,328\,964\,825\,000\,t^6 - 13\,704\,946\,773\,502\,500\,t^7 + 124\,102\,345\,324\,531\,875\,t^8 - 997\,476\,355\,141\,081\,250\,t^9 + 7\,204\,830\,382\,286\,198\,750\,t^{10} - 47\,234\,827\,414\,001\,077\,500\,t^{11} + 283\,367\,468\,611\,244\,444\,375\,t^{12} - 1\,566\,091\,005\,905\,506\,603\,750\,t^{13} + 8\,019\,060\,286\,335\,387\,087\,500\,t^{14} - 38\,225\,652\,869\,591\,968\,507\,500\,t^{15} + 170\,330\,825\,183\,745\,102\,673\,125\,t^{16} - 711\,985\,336\,164\,637\,563\,153\,750\,t^{17} + 2\,800\,356\,694\,403\,206\,430\,983\,750\,t^{18} - 10\,391\,317\,666\,699\,489\,699\,057\,500\,t^{19} + 36\,462\,374\,382\,136\,847\,707\,520\,000\,t^{20} - 121\,230\,295\,872\,088\,468\,114\,180\,000\,t^{21} + 382\,590\,381\,708\,537\,999\,579\,820\,000\,t^{22} - 1\,147\,842\,753\,140\,281\,260\,267\,960\,000\,t^{23} + 3\,278\,239\,814\,134\,461\,122\,510\,320\,000\,t^{24} - 8\,923\,165\,735\,120\,600\,737\,422\,100\,000\,t^{25} + 23\,171\,846\,487\,726\,559\,669\,365\,220\,000\,t^{26} - 57\,457\,902\,416\,867\,804\,628\,254\,600\,000\,t^{27} + 136\,149\,681\,907\,453\,416\,901\,187\,200\,000\,t^{28} - 308\,491\,211\,752\,922\,648\,299\,124\,320\,000\,t^{29} + 668\,752\,374\,544\,298\,659\,428\,096\,800\,000\,t^{30} - 1\,387\,651\,718\,559\,053\,139\,031\,206\,720\,000\,t^{31} + 2\,757\,063\,234\,271\,113\,847\,674\,996\,480\,000\,t^{32} -$$

$5\,246\,716\,219\,155\,779\,886\,415\,901\,120\,000\ t^{33} + 9\,565\,194\,936\,170\,801\,268\,994\,434\,240\,000\ t^{34} -$
$16\,708\,043\,774\,885\,886\,763\,250\,280\,320\,000\ t^{35} + 27\,964\,953\,210\,777\,923\,324\,121\,949\,440\,000\ t^{36} -$
$44\,850\,060\,737\,681\,589\,265\,155\,991\,040\,000\ t^{37} + 68\,920\,746\,509\,522\,614\,622\,283\,087\,360\,000\ t^{38} -$
$101\,467\,592\,538\,285\,267\,570\,304\,496\,640\,000\ t^{39} + 143\,094\,656\,307\,288\,067\,370\,148\,654\,080\,000\ t^{40} -$
$193\,260\,399\,961\,747\,047\,829\,992\,238\,080\,000\ t^{41} + 249\,900\,701\,418\,021\,002\,792\,920\,120\,320\,000\ t^{42} -$
$309\,283\,198\,794\,155\,008\,194\,965\,452\,800\,000\ t^{43} + 366\,223\,363\,373\,466\,813\,582\,476\,144\,640\,000\ t^{44} -$
$414\,715\,870\,653\,849\,309\,402\,067\,394\,560\,000\ t^{45} + 448\,912\,020\,464\,689\,149\,640\,418\,304\,000\,000\ t^{46} -$
$464\,242\,873\,315\,433\,240\,149\,855\,354\,880\,000\ t^{47} + 458\,400\,921\,510\,793\,120\,303\,233\,925\,120\,000\ t^{48} -$
$431\,895\,391\,200\,455\,356\,182\,134\,210\,560\,000\ t^{49} + 388\,001\,074\,722\,619\,626\,451\,818\,332\,160\,000\ t^{50} -$
$332\,097\,877\,843\,909\,791\,119\,490\,580\,480\,000\ t^{51} + 270\,583\,514\,493\,630\,573\,286\,356\,418\,560\,000\ t^{52} -$
$209\,663\,730\,732\,324\,961\,806\,010\,286\,080\,000\ t^{53} + 154\,338\,009\,481\,221\,309\,205\,695\,692\,800\,000\ t^{54} -$
$107\,805\,468\,479\,701\,340\,597\,224\,734\,720\,000\ t^{55} + 71\,360\,840\,367\,342\,023\,879\,054\,458\,880\,000\ t^{56} -$
$44\,698\,881\,376\,212\,500\,969\,860\,628\,480\,000\ t^{57} + 26\,450\,871\,902\,354\,622\,360\,770\,314\,240\,000\ t^{58} -$
$14\,760\,114\,751\,854\,975\,238\,720\,716\,800\,000\ t^{59} + 7\,750\,722\,726\,109\,498\,222\,874\,460\,160\,000\ t^{60} -$
$3\,820\,972\,951\,632\,466\,259\,245\,793\,280\,000\ t^{61} + 1\,763\,693\,016\,051\,477\,374\,660\,771\,840\,000\ t^{62} -$
$759\,918\,222\,871\,993\,580\,750\,110\,720\,000\ t^{63} + 304\,577\,185\,997\,157\,646\,278\,328\,320\,000\ t^{64} -$
$113\,107\,385\,547\,434\,863\,833\,907\,200\,000\ t^{65} + 38\,741\,251\,089\,613\,933\,993\,000\,960\,000\ t^{66} -$
$12\,175\,273\,742\,985\,937\,310\,187\,520\,000\ t^{67} + 3\,489\,753\,242\,360\,477\,101\,588\,480\,000\ t^{68} -$
$905\,938\,322\,766\,817\,426\,145\,280\,000\ t^{69} + 211\,284\,643\,644\,071\,057\,817\,600\,000\ t^{70} -$
$43\,848\,957\,223\,238\,337\,822\,720\,000\ t^{71} + 8\,006\,357\,924\,700\,550\,594\,560\,000\ t^{72} -$
$1\,268\,542\,030\,901\,894\,184\,960\,000\ t^{73} + 171\,444\,689\,820\,199\,157\,760\,000\ t^{74} -$
$19\,334\,582\,131\,690\,045\,440\,000\ t^{75} + 1\,766\,504\,152\,097\,095\,680\,000\ t^{76} -$
$125\,364\,168\,315\,371\,520\,000\ t^{77} + 6\,470\,797\,728\,153\,600\,000\ t^{78} - 215\,693\,257\,605\,120\,000\ t^{79} +$
$3\,478\,923\,509\,760\,000\ t^{80} - 18\,100\,000\ t^{4}\ y5 + 869\,155\,000\ t^{5}\ y5 - 19\,974\,406\,000\ t^{6}\ y5 +$
$288\,902\,443\,250\ t^{7}\ y5 - 2\,880\,182\,192\,500\ t^{8}\ y5 + 19\,818\,014\,693\,750\ t^{9}\ y5 -$
$78\,402\,667\,388\,000\ t^{10}\ y5 - 123\,214\,865\,368\,500\ t^{11}\ y5 + 5\,266\,417\,361\,268\,750\ t^{12}\ y5 -$
$54\,360\,820\,091\,088\,000\ t^{13}\ y5 + 391\,649\,777\,738\,753\,250\ t^{14}\ y5 - 2\,269\,581\,836\,575\,355\,500\ t^{15}\ y5 +$
$11\,145\,976\,468\,373\,136\,000\ t^{16}\ y5 - 47\,622\,164\,802\,897\,544\,000\ t^{17}\ y5 +$
$179\,736\,146\,464\,323\,857\,500\ t^{18}\ y5 - 604\,834\,441\,674\,144\,591\,000\ t^{19}\ y5 +$
$1\,824\,443\,881\,146\,661\,280\,000\ t^{20}\ y5 - 4\,942\,913\,815\,074\,057\,024\,000\ t^{21}\ y5 +$
$12\,007\,795\,592\,775\,020\,670\,000\ t^{22}\ y5 - 25\,974\,482\,172\,440\,836\,748\,000\ t^{23}\ y5 +$
$49\,202\,285\,668\,328\,892\,564\,000\ t^{24}\ y5 - 78\,431\,316\,016\,030\,440\,136\,000\ t^{25}\ y5 +$
$93\,449\,662\,292\,320\,425\,880\,000\ t^{26}\ y5 - 37\,263\,002\,665\,484\,704\,736\,000\ t^{27}\ y5 -$
$211\,009\,816\,664\,132\,356\,448\,000\ t^{28}\ y5 + 862\,345\,840\,760\,910\,798\,304\,000\ t^{29}\ y5 -$
$2\,226\,172\,136\,857\,640\,858\,240\,000\ t^{30}\ y5 + 4\,678\,467\,983\,665\,691\,720\,128\,000\ t^{31}\ y5 -$
$8\,572\,534\,827\,591\,333\,176\,832\,000\ t^{32}\ y5 + 14\,096\,382\,352\,704\,120\,340\,736\,000\ t^{33}\ y5 -$
$21\,113\,730\,646\,819\,589\,309\,184\,000\ t^{34}\ y5 + 29\,055\,435\,281\,349\,707\,480\,832\,000\ t^{35}\ y5 -$
$36\,933\,127\,209\,206\,670\,908\,416\,000\ t^{36}\ y5 + 43\,512\,604\,465\,548\,244\,639\,744\,000\ t^{37}\ y5 -$
$47\,617\,700\,557\,538\,091\,642\,368\,000\ t^{38}\ y5 + 48\,466\,514\,131\,676\,357\,561\,344\,000\ t^{39}\ y5 -$
$45\,910\,741\,224\,631\,497\,430\,016\,000\ t^{40}\ y5 + 40\,479\,138\,517\,854\,922\,688\,512\,000\ t^{41}\ y5 -$
$33\,207\,258\,011\,011\,586\,736\,128\,000\ t^{42}\ y5 + 25\,326\,087\,025\,136\,746\,102\,784\,000\ t^{43}\ y5 -$
$17\,934\,716\,753\,544\,443\,629\,568\,000\ t^{44}\ y5 + 11\,772\,572\,228\,912\,226\,279\,424\,000\ t^{45}\ y5 -$
$7\,147\,286\,028\,759\,365\,689\,344\,000\ t^{46}\ y5 + 4\,002\,241\,109\,448\,093\,646\,848\,000\ t^{47}\ y5 -$

$2\,060\,048\,321\,277\,788\,667\,904\,000\ t^{48}\ y5 + 970\,637\,173\,051\,387\,543\,552\,000\ t^{49}\ y5 -$
$416\,532\,757\,017\,303\,580\,672\,000\ t^{50}\ y5 + 161\,808\,157\,423\,116\,877\,824\,000\ t^{51}\ y5 -$
$56\,480\,528\,852\,460\,830\,720\,000\ t^{52}\ y5 + 17\,556\,752\,964\,524\,703\,744\,000\ t^{53}\ y5 -$
$4\,806\,924\,149\,103\,132\,672\,000\ t^{54}\ y5 + 1\,143\,571\,556\,103\,880\,704\,000\ t^{55}\ y5 -$
$232\,372\,016\,799\,547\,392\,000\ t^{56}\ y5 + 39\,443\,108\,352\,491\,520\,000\ t^{57}\ y5 -$
$5\,427\,511\,752\,130\,560\,000\ t^{58}\ y5 + 580\,060\,666\,920\,960\,000\ t^{59}\ y5 - 45\,041\,980\,538\,880\,000\ t^{60}\ y5 +$
$2\,253\,599\,539\,200\,000\ t^{61}\ y5 - 54\,358\,179\,840\,000\ t^{62}\ y5 - 20\,000\ t^{5}\ y5^{2} - 454\,000\ t^{6}\ y5^{2} +$
$24\,033\,800\ t^{7}\ y5^{2} - 362\,271\,500\ t^{8}\ y5^{2} + 2\,597\,519\,800\ t^{9}\ y5^{2} - 4\,688\,228\,300\ t^{10}\ y5^{2} -$
$93\,781\,594\,700\ t^{11}\ y5^{2} + 1\,149\,579\,571\,100\ t^{12}\ y5^{2} - 7\,562\,640\,866\,100\ t^{13}\ y5^{2} +$
$34\,737\,267\,729\,500\ t^{14}\ y5^{2} - 118\,577\,954\,954\,800\ t^{15}\ y5^{2} + 299\,853\,398\,645\,600\ t^{16}\ y5^{2} -$
$511\,951\,159\,191\,400\ t^{17}\ y5^{2} + 306\,402\,471\,188\,200\ t^{18}\ y5^{2} + 1\,417\,214\,632\,251\,200\ t^{19}\ y5^{2} -$
$5\,929\,300\,691\,763\,200\ t^{20}\ y5^{2} + 12\,123\,653\,853\,502\,400\ t^{21}\ y5^{2} - 11\,163\,365\,919\,368\,000\ t^{22}\ y5^{2} -$
$19\,649\,595\,606\,384\,000\ t^{23}\ y5^{2} + 117\,734\,393\,503\,179\,200\ t^{24}\ y5^{2} - 323\,641\,675\,605\,993\,600\ t^{25}\ y5^{2} +$
$656\,139\,617\,660\,038\,400\ t^{26}\ y5^{2} - 1\,085\,664\,154\,864\,422\,400\ t^{27}\ y5^{2} +$
$1\,526\,655\,922\,097\,542\,400\ t^{28}\ y5^{2} - 1\,862\,646\,726\,798\,924\,800\ t^{29}\ y5^{2} +$
$1\,995\,913\,278\,383\,078\,400\ t^{30}\ y5^{2} - 1\,892\,914\,841\,308\,544\,000\ t^{31}\ y5^{2} +$
$1\,597\,001\,218\,243\,814\,400\ t^{32}\ y5^{2} - 1\,202\,449\,385\,568\,768\,000\ t^{33}\ y5^{2} +$
$809\,405\,131\,071\,078\,400\ t^{34}\ y5^{2} - 487\,278\,745\,786\,982\,400\ t^{35}\ y5^{2} + 262\,166\,999\,481\,958\,400\ t^{36}\ y5^{2} -$
$125\,850\,899\,045\,990\,400\ t^{37}\ y5^{2} + 53\,780\,157\,021\,388\,800\ t^{38}\ y5^{2} - 20\,397\,786\,124\,697\,600\ t^{39}\ y5^{2} +$
$6\,835\,263\,777\,177\,600\ t^{40}\ y5^{2} - 2\,006\,475\,318\,886\,400\ t^{41}\ y5^{2} + 507\,426\,874\,163\,200\ t^{42}\ y5^{2} -$
$107\,199\,155\,404\,800\ t^{43}\ y5^{2} + 17\,926\,004\,736\,000\ t^{44}\ y5^{2} - 2\,152\,307\,097\,600\ t^{45}\ y5^{2} +$
$148\,163\,788\,800\ t^{46}\ y5^{2} - 943\,718\,400\ t^{47}\ y5^{2} - 471\,859\,200\ t^{48}\ y5^{2} - 11\,040\ t^{9}\ y5^{3} +$
$294\,200\ t^{10}\ y5^{3} - 3\,454\,360\ t^{11}\ y5^{3} + 23\,803\,000\ t^{12}\ y5^{3} - 106\,495\,480\ t^{13}\ y5^{3} + 315\,482\,200\ t^{14}\ y5^{3} -$
$561\,226\,080\ t^{15}\ y5^{3} + 187\,168\,720\ t^{16}\ y5^{3} + 2\,319\,147\,520\ t^{17}\ y5^{3} - 8\,643\,749\,200\ t^{18}\ y5^{3} +$
$18\,798\,049\,600\ t^{19}\ y5^{3} - 29\,744\,408\,960\ t^{20}\ y5^{3} + 36\,635\,592\,320\ t^{21}\ y5^{3} - 36\,214\,060\,480\ t^{22}\ y5^{3} +$
$29\,159\,591\,680\ t^{23}\ y5^{3} - 19\,202\,933\,120\ t^{24}\ y5^{3} + 10\,272\,064\,000\ t^{25}\ y5^{3} - 4\,375\,603\,200\ t^{26}\ y5^{3} +$
$1\,430\,553\,600\ t^{27}\ y5^{3} - 336\,960\,000\ t^{28}\ y5^{3} + 50\,841\,600\ t^{29}\ y5^{3} - 3\,686\,400\ t^{30}\ y5^{3} +$
$16\ t^{10}\ y5^{4} - 96\ t^{11}\ y5^{4} + 240\ t^{12}\ y5^{4} - 320\ t^{13}\ y5^{4} + 240\ t^{14}\ y5^{4} - 96\ t^{15}\ y5^{4} + 16\ t^{16}\ y5^{4}$

In[ ]:=
```
RootReduce[Solve[% == 0 /. t → 4/5]]
```

Out[ ]= $\{\{y5 \to -223.\ldots\}, \{y5 \to -0.172\ldots\}, \{y5 \to -8.93\ldots \times 10^{-5}\}, \{y5 \to 6.42\ldots \times 10^{-3}\}\}$

In[ ]:=
```
qq7 = Factor[Resultant[y7^2 - 49 (p71 + p72 ωω) zs^7, t ωω^2 - (4 - 11 t + 8 t^2), ωω]][[-1]];
```

In[ ]:=
```
qq7b = Factor[Resultant[qq7, qq1, zs]][[6]]
```

Out[ ]= $2401 - 177\,674\ t + 6\,583\,542\ t^{2} - 162\,931\,860\ t^{3} + 3\,030\,638\,240\ t^{4} - 45\,200\,611\,344\ t^{5} +$
$563\,111\,005\,464\ t^{6} - 6\,027\,085\,318\,016\ t^{7} + 56\,571\,049\,032\,358\ t^{8} - 472\,954\,090\,893\,452\ t^{9} +$
$3\,565\,129\,563\,479\,932\ t^{10} - 24\,468\,323\,628\,308\,728\ t^{11} + 154\,122\,748\,337\,270\,692\ t^{12} -$
$896\,870\,746\,269\,295\,672\ t^{13} + 4\,848\,388\,543\,295\,554\,992\ t^{14} - 24\,462\,746\,915\,160\,380\,848\ t^{15} +$
$115\,662\,250\,570\,131\,163\,521\ t^{16} - 514\,222\,552\,660\,253\,098\,522\ t^{17} +$
$2\,156\,132\,807\,341\,051\,084\,574\ t^{18} - 8\,548\,430\,049\,604\,567\,701\,908\ t^{19} +$
$32\,118\,895\,638\,206\,189\,814\,932\ t^{20} - 114\,591\,150\,918\,320\,072\,675\,560\ t^{21} +$
$388\,868\,911\,157\,687\,965\,840\,584\ t^{22} - 1\,257\,096\,593\,247\,257\,013\,970\,544\ t^{23} +$

$3\,876\,290\,820\,211\,101\,283\,821\,088\ t^{24} - 11\,414\,107\,824\,965\,929\,293\,726\,880\ t^{25} +$
$32\,127\,393\,274\,736\,128\,573\,027\,040\ t^{26} - 86\,514\,256\,629\,056\,812\,267\,071\,808\ t^{27} +$
$223\,046\,541\,398\,118\,218\,587\,665\,152\ t^{28} - 550\,892\,145\,598\,355\,908\,717\,148\,800\ t^{29} +$
$1\,304\,136\,628\,987\,257\,691\,508\,512\,896\ t^{30} - 2\,960\,362\,294\,755\,478\,082\,355\,599\,616\ t^{31} +$
$6\,445\,729\,355\,557\,176\,929\,664\,053\,760\ t^{32} - 13\,465\,032\,918\,138\,039\,559\,105\,788\,416\ t^{33} +$
$26\,990\,939\,794\,418\,128\,461\,491\,560\,960\ t^{34} - 51\,920\,246\,582\,534\,974\,672\,783\,942\,656\ t^{35} +$
$95\,843\,698\,337\,312\,264\,092\,199\,599\,104\ t^{36} - 169\,772\,086\,005\,699\,117\,624\,661\,798\,912\ t^{37} +$
$288\,523\,565\,493\,778\,810\,335\,433\,961\,472\ t^{38} - 470\,342\,190\,996\,274\,258\,383\,729\,344\,512\ t^{39} +$
$735\,256\,337\,721\,853\,851\,209\,934\,028\,800\ t^{40} - 1\,101\,791\,868\,482\,550\,886\,861\,609\,754\,624\ t^{41} +$
$1\,582\,009\,484\,177\,353\,277\,169\,089\,634\,304\ t^{42} - 2\,175\,448\,418\,073\,589\,100\,356\,027\,531\,264\ t^{43} +$
$2\,863\,309\,253\,194\,871\,282\,997\,826\,813\,952\ t^{44} - 3\,604\,827\,049\,771\,640\,949\,058\,570\,485\,760\ t^{45} +$
$4\,337\,911\,778\,355\,149\,954\,521\,158\,582\,272\ t^{46} - 4\,985\,466\,501\,630\,896\,381\,343\,256\,674\,304\ t^{47} +$
$5\,467\,292\,811\,217\,559\,121\,546\,285\,285\,376\ t^{48} - 5\,715\,513\,860\,697\,662\,703\,200\,313\,933\,824\ t^{49} +$
$5\,689\,709\,266\,160\,057\,737\,426\,911\,756\,288\ t^{50} - 5\,387\,290\,726\,115\,940\,027\,454\,202\,839\,040\ t^{51} +$
$4\,845\,579\,624\,580\,573\,525\,673\,331\,916\,800\ t^{52} - 4\,134\,455\,107\,953\,927\,240\,047\,022\,047\,232\ t^{53} +$
$3\,341\,486\,286\,341\,740\,653\,082\,751\,533\,056\ t^{54} - 2\,553\,918\,258\,826\,625\,627\,587\,901\,128\,704\ t^{55} +$
$1\,842\,714\,462\,305\,715\,629\,770\,333\,487\,104\ t^{56} - 1\,252\,754\,621\,719\,370\,319\,418\,745\,683\,968\ t^{57} +$
$800\,816\,491\,635\,742\,042\,967\,548\,887\,040\ t^{58} - 480\,266\,689\,107\,776\,768\,869\,901\,795\,328\ t^{59} +$
$269\,556\,671\,854\,970\,993\,849\,529\,270\,272\ t^{60} - 141\,212\,435\,005\,867\,995\,136\,035\,651\,584\ t^{61} +$
$68\,845\,617\,111\,352\,470\,558\,514\,085\,888\ t^{62} - 31\,135\,619\,525\,033\,980\,115\,738\,951\,680\ t^{63} +$
$13\,015\,660\,407\,350\,277\,438\,582\,030\,336\ t^{64} - 5\,009\,329\,182\,272\,666\,121\,399\,173\,120\ t^{65} +$
$1\,767\,140\,975\,660\,235\,833\,129\,041\,920\ t^{66} - 568\,553\,440\,334\,556\,606\,110\,892\,032\ t^{67} +$
$165\,888\,010\,043\,356\,895\,151\,915\,008\ t^{68} - 43\,608\,794\,869\,581\,748\,069\,466\,112\ t^{69} +$
$10\,250\,965\,001\,274\,111\,205\,310\,464\ t^{70} - 2\,135\,600\,738\,555\,786\,501\,816\,320\ t^{71} +$
$390\,129\,065\,703\,982\,594\,260\,992\ t^{72} - 61\,682\,950\,519\,268\,170\,530\,816\ t^{73} +$
$8\,303\,887\,971\,521\,600\,159\,744\ t^{74} - 931\,826\,359\,276\,545\,245\,184\ t^{75} +$
$84\,689\,345\,940\,706\,820\,096\ t^{76} - 5\,981\,085\,557\,063\,680\,000\ t^{77} + 307\,551\,544\,230\,805\,504\ t^{78} -$
$10\,229\,718\,745\,874\,432\ t^{79} + 164\,995\,463\,643\,136\ t^{80} - 2744\ t^{3}\ y7 - 14\,406\ t^{4}\ y7 +$
$3\,704\,400\ t^{5}\ y7 - 105\,409\,388\ t^{6}\ y7 + 1\,655\,388\,658\ t^{7}\ y7 - 17\,312\,105\,916\ t^{8}\ y7 +$
$124\,909\,150\,660\ t^{9}\ y7 - 551\,331\,488\,862\ t^{10}\ y7 + 10\,892\,268\,898\ t^{11}\ y7 +$
$25\,837\,772\,947\,672\ t^{12}\ y7 - 286\,454\,965\,215\,426\ t^{13}\ y7 + 2\,092\,425\,594\,767\,872\ t^{14}\ y7 -$
$12\,017\,410\,301\,674\,848\ t^{15}\ y7 + 57\,396\,635\,197\,758\,234\ t^{16}\ y7 - 233\,098\,923\,712\,147\,948\ t^{17}\ y7 +$
$808\,854\,661\,794\,408\,152\ t^{18}\ y7 - 2\,368\,394\,194\,246\,932\,656\ t^{19}\ y7 +$
$5\,587\,281\,981\,135\,591\,408\ t^{20}\ y7 - 8\,959\,523\,995\,560\,777\,408\ t^{21}\ y7 - 650\,411\,863\,321\,815\,616\ t^{22}\ y7 +$
$76\,806\,311\,045\,427\,755\,008\ t^{23}\ y7 - 384\,546\,752\,582\,163\,576\,608\ t^{24}\ y7 +$
$1\,345\,627\,014\,052\,091\,124\,480\ t^{25}\ y7 - 3\,881\,424\,865\,845\,751\,332\,416\ t^{26}\ y7 +$
$9\,723\,790\,693\,599\,331\,575\,296\ t^{27}\ y7 - 21\,641\,462\,781\,773\,772\,667\,520\ t^{28}\ y7 +$
$43\,251\,089\,895\,677\,067\,640\,320\ t^{29}\ y7 - 77\,945\,853\,187\,387\,818\,750\,208\ t^{30}\ y7 +$
$126\,576\,673\,056\,948\,329\,381\,376\ t^{31}\ y7 - 184\,066\,496\,398\,351\,887\,298\,048\ t^{32}\ y7 +$
$236\,134\,096\,002\,162\,501\,004\,288\ t^{33}\ y7 - 258\,332\,961\,980\,665\,033\,792\,512\ t^{34}\ y7 +$
$219\,830\,466\,022\,083\,203\,438\,592\ t^{35}\ y7 - 92\,934\,686\,145\,304\,742\,760\,448\ t^{36}\ y7 -$
$133\,703\,376\,015\,778\,530\,992\,128\ t^{37}\ y7 + 443\,670\,229\,027\,301\,449\,420\,800\ t^{38}\ y7 -$
$789\,936\,048\,000\,783\,032\,516\,608\ t^{39}\ y7 + 1\,104\,751\,251\,083\,761\,987\,485\,696\ t^{40}\ y7 -$

$$1\,320\,384\,980\,515\,460\,295\,819\,264\ t^{41}\ y7 + 1\,392\,413\,043\,816\,691\,305\,299\,968\ t^{42}\ y7 -$$
$$1\,314\,813\,304\,163\,406\,945\,386\,496\ t^{43}\ y7 + 1\,119\,775\,107\,814\,321\,194\,041\,344\ t^{44}\ y7 -$$
$$862\,996\,057\,146\,920\,097\,415\,168\ t^{45}\ y7 + 602\,439\,773\,268\,696\,441\,028\,608\ t^{46}\ y7 -$$
$$380\,680\,470\,293\,832\,023\,146\,496\ t^{47}\ y7 + 217\,332\,879\,070\,468\,529\,586\,176\ t^{48}\ y7 -$$
$$111\,767\,836\,106\,318\,679\,375\,872\ t^{49}\ y7 + 51\,569\,578\,631\,420\,758\,458\,368\ t^{50}\ y7 -$$
$$21\,239\,253\,182\,211\,217\,162\,240\ t^{51}\ y7 + 7\,758\,842\,605\,392\,312\,139\,776\ t^{52}\ y7 -$$
$$2\,494\,353\,016\,600\,160\,894\,976\ t^{53}\ y7 + 698\,857\,264\,666\,325\,811\,200\ t^{54}\ y7 -$$
$$168\,564\,218\,945\,412\,792\,320\ t^{55}\ y7 + 34\,455\,853\,583\,524\,954\,112\ t^{56}\ y7 -$$
$$5\,846\,302\,571\,479\,695\,360\ t^{57}\ y7 + 800\,348\,562\,981\,388\,288\ t^{58}\ y7 - 84\,831\,515\,313\,176\,576\ t^{59}\ y7 +$$
$$6\,523\,040\,871\,481\,344\ t^{60}\ y7 - 323\,223\,535\,222\,784\ t^{61}\ y7 + 7\,734\,162\,358\,272\ t^{62}\ y7 -$$
$$392\ t^{5}\ y7^{2} - 31\,556\ t^{6}\ y7^{2} + 722\,456\ t^{7}\ y7^{2} - 2\,305\,156\ t^{8}\ y7^{2} - 82\,502\,476\ t^{9}\ y7^{2} +$$
$$1\,288\,691\,768\ t^{10}\ y7^{2} - 9\,058\,412\,832\ t^{11}\ y7^{2} + 30\,271\,392\,284\ t^{12}\ y7^{2} + 34\,835\,083\,136\ t^{13}\ y7^{2} -$$
$$977\,505\,221\,448\ t^{14}\ y7^{2} + 5\,725\,751\,809\,848\ t^{15}\ y7^{2} - 19\,009\,841\,892\,608\ t^{16}\ y7^{2} +$$
$$31\,035\,136\,208\,888\ t^{17}\ y7^{2} + 46\,245\,423\,605\,192\ t^{18}\ y7^{2} - 504\,946\,704\,201\,184\ t^{19}\ y7^{2} +$$
$$1\,915\,813\,582\,218\,592\ t^{20}\ y7^{2} - 4\,808\,866\,980\,690\,528\ t^{21}\ y7^{2} + 8\,606\,985\,135\,561\,792\ t^{22}\ y7^{2} -$$
$$10\,203\,346\,431\,843\,264\ t^{23}\ y7^{2} + 3\,962\,944\,128\,917\,760\ t^{24}\ y7^{2} + 14\,698\,336\,799\,068\,160\ t^{25}\ y7^{2} -$$
$$42\,741\,604\,333\,877\,120\ t^{26}\ y7^{2} + 65\,382\,400\,884\,776\,192\ t^{27}\ y7^{2} - 61\,260\,038\,053\,371\,136\ t^{28}\ y7^{2} +$$
$$16\,977\,579\,063\,725\,056\ t^{29}\ y7^{2} + 59\,499\,554\,375\,020\,032\ t^{30}\ y7^{2} - 139\,614\,374\,880\,841\,728\ t^{31}\ y7^{2} +$$
$$190\,976\,170\,581\,561\,344\ t^{32}\ y7^{2} - 197\,126\,039\,725\,991\,936\ t^{33}\ y7^{2} + 164\,737\,141\,074\,989\,056\ t^{34}\ y7^{2} -$$
$$114\,806\,677\,618\,597\,888\ t^{35}\ y7^{2} + 67\,756\,259\,730\,661\,376\ t^{36}\ y7^{2} - 34\,191\,094\,877\,814\,784\ t^{37}\ y7^{2} +$$
$$14\,862\,309\,521\,088\,512\ t^{38}\ y7^{2} - 5\,602\,340\,453\,040\,128\ t^{39}\ y7^{2} + 1\,840\,925\,007\,036\,416\ t^{40}\ y7^{2} -$$
$$527\,475\,217\,661\,952\ t^{41}\ y7^{2} + 130\,342\,914\,523\,136\ t^{42}\ y7^{2} - 26\,965\,805\,891\,584\ t^{43}\ y7^{2} +$$
$$4\,415\,041\,634\,304\ t^{44}\ y7^{2} - 517\,193\,334\,784\ t^{45}\ y7^{2} + 34\,527\,510\,528\ t^{46}\ y7^{2} -$$
$$205\,520\,896\ t^{47}\ y7^{2} - 102\,760\,448\ t^{48}\ y7^{2} + 224\ t^{8}\ y7^{3} - 2184\ t^{9}\ y7^{3} + 728\ t^{10}\ y7^{3} +$$
$$133\,616\ t^{11}\ y7^{3} - 1\,531\,880\ t^{12}\ y7^{3} + 11\,013\,184\ t^{13}\ y7^{3} - 57\,435\,224\ t^{14}\ y7^{3} +$$
$$221\,264\,680\ t^{15}\ y7^{3} - 627\,173\,232\ t^{16}\ y7^{3} + 1\,276\,554\,496\ t^{17}\ y7^{3} - 1\,704\,952\,032\ t^{18}\ y7^{3} +$$
$$872\,292\,288\ t^{19}\ y7^{3} + 2\,116\,522\,688\ t^{20}\ y7^{3} - 6\,743\,774\,464\ t^{21}\ y7^{3} + 10\,785\,785\,920\ t^{22}\ y7^{3} -$$
$$11\,922\,996\,736\ t^{23}\ y7^{3} + 9\,775\,144\,064\ t^{24}\ y7^{3} - 6\,053\,583\,872\ t^{25}\ y7^{3} + 2\,817\,194\,240\ t^{26}\ y7^{3} -$$
$$961\,321\,984\ t^{27}\ y7^{3} + 228\,476\,416\ t^{28}\ y7^{3} - 34\,019\,328\ t^{29}\ y7^{3} + 2\,408\,448\ t^{30}\ y7^{3} +$$
$$16\ t^{10}\ y7^{4} - 96\ t^{11}\ y7^{4} + 240\ t^{12}\ y7^{4} - 320\ t^{13}\ y7^{4} + 240\ t^{14}\ y7^{4} - 96\ t^{15}\ y7^{4} + 16\ t^{16}\ y7^{4}$$

In[ ]:=
```
RootReduce[Solve[% == 0 /. t → 4/5]]
```

Out[ ]= $\{\{y7 \to -107.\ldots\}, \{y7 \to -4.51\ldots \times 10^{-4}\}, \{y7 \to -1.18\ldots \times 10^{-7}\}, \{y7 \to 0.0450\ldots\}\}$

In[ ]:=
```
RootReduce[{5 Sqrt[p51 + p52 ωω]}.Table[(-Sqrt[z2s])^j, {j, 5, 5, -2}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= $-0.172\ldots$

In[ ]:=
```
RootReduce[{-7 Sqrt[p71 + p72 ωω]}.Table[(-Sqrt[z2s])^j, {j, 7, 7, -2}] /. ωω → ω /. {t → 4/5}]
```

Out[ ]= $0.0450\ldots$

In[ ]:= RootReduce[0.0450 ... + -0.172 ...]

Out[ ]= -0.127 ...

In[ ]:= qq67a = Factor[Resultant[y57 - (y5 + y7), qq6b, y5]];

In[ ]:= qq67b = Factor[Resultant[qq67a, qq7b, y7]][[4]]

Out[ ]= $10\,556\,001 - 763\,794\,414\ t + 27\,525\,254\,512\ t^{2} - 659\,081\,583\,010\ t^{3} +$
$11\,801\,938\,388\,530\ t^{4} - 168\,641\,874\,127\,904\ t^{5} + 2\,003\,678\,078\,547\,004\ t^{6} -$
$20\,363\,864\,753\,170\,566\ t^{7} + 180\,744\,071\,113\,012\,638\ t^{8} - 1\,423\,279\,199\,362\,286\,512\ t^{9} +$
$10\,067\,256\,416\,841\,407\,942\ t^{10} - 64\,600\,978\,224\,383\,509\,418\ t^{11} + 379\,138\,176\,943\,791\,366\,882\ t^{12} -$
$2\,048\,836\,670\,581\,205\,220\,152\ t^{13} + 10\,252\,227\,324\,384\,109\,350\,792\ t^{14} -$
$47\,731\,392\,738\,963\,893\,571\,378\ t^{15} + 207\,603\,347\,731\,103\,159\,290\,861\ t^{16} -$
$846\,501\,953\,163\,454\,143\,019\,242\ t^{17} + 3\,245\,603\,877\,731\,818\,023\,470\,854\ t^{18} -$
$11\,732\,001\,728\,681\,396\,757\,868\,188\ t^{19} + 40\,072\,248\,664\,119\,048\,792\,510\,432\ t^{20} -$
$129\,589\,024\,275\,061\,958\,315\,126\,560\ t^{21} + 397\,459\,405\,099\,045\,993\,741\,651\,104\ t^{22} -$
$1\,157\,891\,627\,252\,403\,513\,234\,175\,104\ t^{23} + 3\,208\,184\,020\,197\,926\,706\,326\,860\,448\ t^{24} -$
$8\,463\,644\,567\,737\,302\,862\,151\,080\,480\ t^{25} + 21\,280\,708\,229\,835\,476\,749\,993\,437\,920\ t^{26} -$
$51\,039\,818\,317\,745\,220\,987\,161\,595\,328\ t^{27} + 116\,852\,093\,012\,492\,079\,194\,790\,995\,712\ t^{28} -$
$255\,522\,611\,501\,100\,028\,795\,639\,287\,040\ t^{29} + 533\,954\,623\,233\,544\,849\,008\,305\,485\,056\ t^{30} -$
$1\,066\,688\,531\,472\,789\,811\,771\,478\,209\,536\ t^{31} + 2\,037\,829\,993\,286\,434\,281\,608\,427\,759\,360\ t^{32} -$
$3\,723\,914\,625\,480\,896\,479\,652\,722\,656\,256\ t^{33} + 6\,510\,366\,939\,493\,991\,931\,606\,369\,868\,800\ t^{34} -$
$10\,890\,006\,590\,505\,671\,370\,381\,841\,299\,456\ t^{35} + 17\,429\,424\,538\,605\,372\,261\,139\,531\,003\,904\ t^{36} -$
$26\,690\,676\,961\,177\,804\,698\,687\,639\,293\,952\ t^{37} + 39\,104\,143\,215\,309\,502\,466\,216\,093\,724\,672\ t^{38} -$
$54\,804\,285\,211\,671\,194\,273\,290\,224\,689\,152\ t^{39} + 73\,460\,642\,433\,676\,234\,005\,959\,726\,407\,680\ t^{40} -$
$94\,154\,735\,493\,151\,915\,528\,640\,257\,490\,944\ t^{41} + 115\,359\,983\,632\,533\,205\,527\,206\,060\,785\,664\ t^{42} -$
$135\,067\,890\,618\,484\,034\,756\,496\,364\,929\,024\ t^{43} + 151\,067\,676\,408\,614\,156\,779\,308\,136\,169\,472\ t^{44} -$
$161\,336\,383\,794\,125\,463\,477\,741\,876\,019\,200\ t^{45} + 164\,449\,774\,189\,948\,659\,284\,499\,465\,633\,792\ t^{46} -$
$159\,901\,613\,417\,551\,908\,121\,345\,001\,652\,224\ t^{47} + 148\,234\,147\,836\,314\,292\,128\,141\,973\,979\,136\ t^{48} -$
$130\,934\,673\,892\,920\,113\,859\,675\,133\,968\,384\ t^{49} + 110\,124\,492\,138\,290\,271\,467\,053\,294\,419\,968\ t^{50} -$
$88\,129\,861\,154\,981\,579\,586\,586\,257\,653\,760\ t^{51} + 67\,055\,240\,046\,462\,204\,990\,719\,333\,498\,880\ t^{52} -$
$48\,466\,837\,069\,804\,361\,850\,169\,272\,041\,472\ t^{53} + 33\,247\,533\,739\,171\,723\,239\,454\,975\,983\,616\ t^{54} -$
$21\,624\,332\,894\,977\,257\,353\,641\,275\,162\,624\ t^{55} + 13\,320\,520\,722\,325\,781\,729\,826\,768\,420\,864\ t^{56} -$
$7\,762\,060\,272\,779\,253\,624\,193\,226\,375\,168\ t^{57} + 4\,273\,076\,915\,859\,908\,257\,888\,946\,094\,080\ t^{58} -$
$2\,219\,128\,488\,617\,766\,582\,485\,965\,078\,528\ t^{59} + 1\,085\,427\,433\,586\,963\,402\,515\,506\,266\,112\ t^{60} -$
$499\,124\,223\,139\,905\,959\,610\,342\,703\,104\ t^{61} + 215\,335\,320\,787\,200\,691\,704\,239\,751\,168\ t^{62} -$
$86\,956\,682\,945\,434\,311\,064\,299\,765\,760\ t^{63} + 32\,779\,046\,714\,413\,349\,015\,268\,622\,336\ t^{64} -$
$11\,497\,979\,241\,063\,607\,263\,129\,763\,840\ t^{65} + 3\,738\,979\,038\,638\,795\,618\,139\,504\,640\ t^{66} -$
$1\,122\,136\,073\,175\,587\,047\,837\,007\,872\ t^{67} + 309\,136\,277\,794\,974\,305\,666\,203\,648\ t^{68} -$
$77\,662\,915\,398\,847\,781\,081\,710\,592\ t^{69} + 17\,650\,762\,722\,125\,310\,322\,540\,544\ t^{70} -$
$3\,593\,908\,911\,353\,271\,114\,792\,960\ t^{71} + 647\,826\,238\,858\,594\,302\,820\,352\ t^{72} -$
$101\,881\,678\,153\,672\,688\,664\,576\ t^{73} + 13\,727\,462\,567\,579\,771\,469\,824\ t^{74} -$
$1\,548\,400\,756\,216\,387\,600\,384\ t^{75} + 141\,786\,901\,835\,296\,014\,336\ t^{76} -$

$10\,093\,868\,586\,704\,568\,320\ t^{77} + 522\,558\,294\,263\,332\,864\ t^{78} - 17\,451\,448\,556\,060\,672\ t^{79} +$
$281\,474\,976\,710\,656\ t^{80} - 181\,944\ t^{3}\ y57 - 19\,803\,086\ t^{4}\ y57 + 1\,124\,603\,830\ t^{5}\ y57 -$
$26\,372\,497\,448\ t^{6}\ y57 + 373\,857\,915\,348\ t^{7}\ y57 - 3\,542\,173\,288\,336\ t^{8}\ y57 +$
$21\,865\,321\,267\,370\ t^{9}\ y57 - 57\,029\,620\,231\,462\ t^{10}\ y57 - 524\,979\,969\,786\,422\ t^{11}\ y57 +$
$9\,020\,806\,342\,890\,112\ t^{12}\ y57 - 79\,665\,526\,068\,746\,296\ t^{13}\ y57 + 525\,504\,029\,842\,010\,502\ t^{14}\ y57 -$
$2\,837\,650\,626\,935\,150\,938\ t^{15}\ y57 + 13\,042\,056\,748\,193\,349\,074\ t^{16}\ y57 -$
$52\,075\,222\,925\,940\,900\,568\ t^{17}\ y57 + 182\,715\,942\,368\,367\,632\,232\ t^{18}\ y57 -$
$566\,486\,908\,271\,770\,481\,576\ t^{19}\ y57 + 1\,552\,377\,202\,750\,046\,168\,088\ t^{20}\ y57 -$
$3\,736\,143\,663\,417\,845\,708\,288\ t^{21}\ y57 + 7\,754\,307\,610\,124\,818\,004\,064\ t^{22}\ y57 -$
$13\,238\,948\,914\,686\,062\,818\,432\ t^{23}\ y57 + 15\,908\,628\,834\,152\,517\,130\,112\ t^{24}\ y57 -$
$1\,501\,814\,683\,842\,716\,757\,120\ t^{25}\ y57 - 64\,217\,568\,009\,005\,696\,782\,656\ t^{26}\ y57 +$
$248\,125\,654\,191\,415\,946\,999\,296\ t^{27}\ y57 - 660\,128\,651\,968\,877\,231\,912\,320\ t^{28}\ y57 +$
$1\,452\,249\,043\,580\,888\,022\,504\,960\ t^{29}\ y57 - 2\,795\,934\,095\,833\,217\,904\,672\,768\ t^{30}\ y57 +$
$4\,831\,912\,586\,823\,740\,095\,092\,736\ t^{31}\ y57 - 7\,599\,335\,003\,404\,016\,187\,742\,208\ t^{32}\ y57 +$
$10\,967\,161\,094\,167\,248\,726\,796\,288\ t^{33}\ y57 - 14\,601\,702\,098\,471\,820\,426\,202\,112\ t^{34}\ y57 +$
$17\,999\,907\,584\,122\,793\,393\,723\,392\ t^{35}\ y57 - 20\,594\,948\,575\,531\,551\,994\,605\,568\ t^{36}\ y57 +$
$21\,907\,047\,324\,950\,529\,425\,375\,232\ t^{37}\ y57 - 21\,685\,776\,021\,738\,923\,676\,180\,480\ t^{38}\ y57 +$
$19\,986\,917\,247\,137\,688\,456\,937\,472\ t^{39}\ y57 - 17\,152\,048\,960\,298\,854\,181\,904\,384\ t^{40}\ y57 +$
$13\,700\,415\,354\,332\,818\,872\,221\,696\ t^{41}\ y57 - 10\,178\,656\,771\,121\,523\,914\,719\,232\ t^{42}\ y57 +$
$7\,026\,399\,034\,968\,725\,602\,893\,824\ t^{43}\ y57 - 4\,500\,630\,193\,451\,817\,277\,751\,296\ t^{44}\ y57 +$
$2\,670\,554\,278\,699\,443\,734\,577\,152\ t^{45}\ y57 - 1\,465\,188\,529\,367\,031\,657\,070\,592\ t^{46}\ y57 +$
$741\,686\,000\,868\,140\,653\,215\,744\ t^{47}\ y57 - 345\,575\,396\,822\,872\,947\,687\,424\ t^{48}\ y57 +$
$147\,805\,723\,023\,159\,431\,528\,448\ t^{49}\ y57 - 57\,849\,909\,266\,035\,724\,255\,232\ t^{50}\ y57 +$
$20\,639\,815\,230\,766\,763\,212\,800\ t^{51}\ y57 - 6\,679\,282\,454\,632\,809\,365\,504\ t^{52}\ y57 +$
$1\,947\,284\,258\,362\,704\,789\,504\ t^{53}\ y57 - 506\,675\,337\,432\,242\,585\,600\ t^{54}\ y57 +$
$116\,145\,991\,034\,213\,498\,880\ t^{55}\ y57 - 23\,044\,859\,537\,441\,947\,648\ t^{56}\ y57 +$
$3\,864\,111\,122\,009\,292\,800\ t^{57}\ y57 - 529\,990\,291\,713\,687\,552\ t^{58}\ y57 +$
$56\,784\,617\,318\,907\,904\ t^{59}\ y57 - 4\,430\,499\,283\,992\,576\ t^{60}\ y57 + 222\,462\,126\,063\,616\ t^{61}\ y57 -$
$5\,360\,119\,185\,408\ t^{62}\ y57 - 25\,992\ t^{5}\ y57^{2} - 768\,916\ t^{6}\ y57^{2} + 34\,120\,016\ t^{7}\ y57^{2} -$
$458\,789\,656\ t^{8}\ y57^{2} + 2\,626\,181\,104\ t^{9}\ y57^{2} + 3\,314\,082\,688\ t^{10}\ y57^{2} - 183\,110\,509\,032\ t^{11}\ y57^{2} +$
$1\,672\,999\,786\,544\ t^{12}\ y57^{2} - 9\,251\,408\,286\,664\ t^{13}\ y57^{2} + 35\,249\,541\,436\,452\ t^{14}\ y57^{2} -$
$91\,258\,773\,097\,672\ t^{15}\ y57^{2} + 124\,293\,902\,926\,272\ t^{16}\ y57^{2} + 154\,585\,308\,429\,848\ t^{17}\ y57^{2} -$
$1\,457\,370\,842\,732\,768\ t^{18}\ y57^{2} + 4\,607\,698\,751\,583\,136\ t^{19}\ y57^{2} - 8\,774\,320\,226\,991\,168\ t^{20}\ y57^{2} +$
$7\,761\,402\,744\,556\,992\ t^{21}\ y57^{2} + 13\,905\,234\,068\,850\,752\ t^{22}\ y57^{2} - 80\,484\,673\,614\,913\,664\ t^{23}\ y57^{2} +$
$215\,648\,680\,400\,150\,080\ t^{24}\ y57^{2} - 425\,661\,806\,687\,122\,560\ t^{25}\ y57^{2} +$
$685\,011\,555\,656\,753\,920\ t^{26}\ y57^{2} - 937\,003\,980\,443\,360\,768\ t^{27}\ y57^{2} +$
$1\,113\,586\,608\,490\,244\,864\ t^{28}\ y57^{2} - 1\,164\,911\,749\,980\,263\,424\ t^{29}\ y57^{2} +$
$1\,081\,384\,029\,135\,224\,832\ t^{30}\ y57^{2} - 895\,551\,231\,136\,211\,968\ t^{31}\ y57^{2} +$
$664\,217\,328\,433\,567\,744\ t^{32}\ y57^{2} - 442\,782\,782\,507\,902\,976\ t^{33}\ y57^{2} +$
$266\,372\,378\,379\,196\,416\ t^{34}\ y57^{2} - 145\,287\,074\,940\,510\,208\ t^{35}\ y57^{2} +$
$72\,162\,755\,907\,997\,696\ t^{36}\ y57^{2} - 32\,714\,580\,838\,088\,704\ t^{37}\ y57^{2} + 13\,511\,588\,059\,512\,832\ t^{38}\ y57^{2} -$
$5\,048\,700\,421\,931\,008\ t^{39}\ y57^{2} + 1\,687\,100\,875\,472\,896\ t^{40}\ y57^{2} - 496\,525\,051\,953\,152\ t^{41}\ y57^{2} +$
$126\,131\,298\,369\,536\ t^{42}\ y57^{2} - 26\,837\,536\,210\,944\ t^{43}\ y57^{2} + 4\,546\,593\,030\,144\ t^{44}\ y57^{2} -$

$$557\,699\,825\,664\ t^{45}\ y57^2 + 39\,560\,675\,328\ t^{46}\ y57^2 - 268\,435\,456\ t^{47}\ y57^2 - 134\,217\,728\ t^{48}\ y57^2 +$$
$$224\ t^8\ y57^3 - 13\,224\ t^9\ y57^3 + 294\,928\ t^{10}\ y57^3 - 3\,320\,744\ t^{11}\ y57^3 + 22\,271\,120\ t^{12}\ y57^3 -$$
$$95\,482\,296\ t^{13}\ y57^3 + 258\,046\,976\ t^{14}\ y57^3 - 339\,961\,400\ t^{15}\ y57^3 - 440\,004\,512\ t^{16}\ y57^3 +$$
$$3\,595\,702\,016\ t^{17}\ y57^3 - 10\,348\,701\,232\ t^{18}\ y57^3 + 19\,670\,341\,888\ t^{19}\ y57^3 -$$
$$27\,627\,886\,272\ t^{20}\ y57^3 + 29\,891\,817\,856\ t^{21}\ y57^3 - 25\,428\,274\,560\ t^{22}\ y57^3 +$$
$$17\,236\,594\,944\ t^{23}\ y57^3 - 9\,427\,789\,056\ t^{24}\ y57^3 + 4\,218\,480\,128\ t^{25}\ y57^3 - 1\,558\,408\,960\ t^{26}\ y57^3 +$$
$$469\,231\,616\ t^{27}\ y57^3 - 108\,483\,584\ t^{28}\ y57^3 + 16\,822\,272\ t^{29}\ y57^3 - 1\,277\,952\ t^{30}\ y57^3 +$$
$$16\ t^{10}\ y57^4 - 96\ t^{11}\ y57^4 + 240\ t^{12}\ y57^4 - 320\ t^{13}\ y57^4 + 240\ t^{14}\ y57^4 - 96\ t^{15}\ y57^4 + 16\ t^{16}\ y57^4$$

In[ ]:=
```
RootReduce[Solve[% == 0 /. t → 4/5]]
```

Out[ ]= $\{\{y57 \to -330.\ldots\}, \{y57 \to -0.127\ldots\}, \{y57 \to -8.94\ldots \times 10^{-5}\}, \{y57 \to 5.97\ldots \times 10^{-3}\}\}$

In[ ]:=
```
qq8 = Resultant[qq67b, qq45b /. {y13 → y - y57}, y57]
```

Out[ ]=
$$458\,283\,504\,254\,954\,741\,651\,307\,900\,174\,336\ t^{40} -$$
$$163\,990\,748\,501\,049\,674\,719\,900\,695\,168\,811\,008\ t^{41} + \cdots 4614 \cdots +$$
$$2\,705\,829\,396\,480\ t^{114}\ y^{16} - 154\,618\,822\,656\ t^{115}\ y^{16} + 4\,294\,967\,296\ t^{116}\ y^{16}$$

large output | show less | show more | show all | set size limit...

In[ ]:=
```
qq8b = Factor[qq8]
```

Out[ ]=
$$-1\,048\,576\ (-1+t)^3\ t^{40}$$
$$(-1\,679\,616 + 120\,434\,688\ t - 4\,286\,559\,520\ t^2 + 101\,047\,149\,184\ t^3 - 1\,775\,925\,416\,037\ t^4 +$$
$$24\,835\,753\,792\,594\ t^5 - 288\,007\,279\,173\,584\ t^6 + 2\,849\,566\,165\,764\,728\ t^7 -$$
$$24\,560\,822\,586\,877\,914\ t^8 + 187\,353\,226\,824\,198\,596\ t^9 - 1\,280\,544\,727\,083\,618\,864\ t^{10} +$$
$$7\,919\,842\,228\,047\,671\,796\ t^{11} - 44\,677\,008\,140\,398\,648\,433\ t^{12} + 231\,380\,924\,382\,858\,050\,082\ t^{13} -$$
$$1\,106\,073\,862\,026\,542\,630\,108\ t^{14} + 4\,902\,271\,749\,424\,583\,790\,628\ t^{15} -$$
$$20\,220\,525\,883\,813\,659\,258\,784\ t^{16} + 77\,863\,515\,498\,592\,195\,625\,120\ t^{17} -$$
$$280\,654\,226\,952\,612\,504\,331\,860\ t^{18} + 949\,019\,689\,557\,079\,378\,635\,752\ t^{19} -$$
$$3\,016\,225\,076\,919\,424\,390\,967\,472\ t^{20} + 9\,024\,585\,727\,926\,451\,972\,217\,648\ t^{21} -$$
$$25\,453\,361\,451\,238\,627\,902\,610\,784\ t^{22} + 67\,748\,586\,804\,928\,739\,712\,768\,832\ t^{23} -$$
$$170\,329\,730\,188\,691\,427\,401\,617\,552\ t^{24} + 404\,797\,560\,629\,211\,212\,856\,667\,904\ t^{25} -$$
$$909\,905\,211\,158\,936\,475\,965\,973\,312\ t^{26} + 1\,935\,335\,600\,177\,371\,919\,231\,897\,216\ t^{27} -$$
$$3\,896\,290\,835\,800\,055\,878\,706\,721\,856\ t^{28} + 7\,426\,089\,142\,093\,455\,702\,145\,795\,328\ t^{29} -$$
$$13\,400\,156\,087\,855\,484\,408\,612\,366\,592\ t^{30} + 22\,891\,701\,992\,460\,371\,058\,941\,814\,784\ t^{31} -$$
$$37\,016\,397\,926\,998\,793\,196\,207\,063\,552\ t^{32} + 56\,642\,145\,394\,698\,563\,456\,214\,221\,824\ t^{33} -$$
$$81\,987\,676\,392\,492\,016\,151\,393\,894\,400\ t^{34} + 112\,203\,454\,121\,666\,587\,295\,493\,627\,904\ t^{35} -$$
$$145\,093\,584\,431\,148\,882\,466\,092\,875\,776\ t^{36} + 177\,156\,927\,321\,862\,950\,304\,159\,920\,128\ t^{37} -$$
$$204\,063\,247\,579\,974\,012\,423\,555\,805\,184\ t^{38} + 221\,532\,995\,506\,944\,631\,701\,635\,653\,632\ t^{39} -$$
$$226\,405\,053\,937\,273\,556\,447\,961\,862\,144\ t^{40} + 217\,543\,551\,645\,799\,932\,975\,504\,130\,048\ t^{41} -$$
$$196\,237\,271\,259\,698\,431\,964\,075\,556\,864\ t^{42} + 165\,909\,444\,187\,322\,592\,159\,018\,647\,552\ t^{43} -$$
$$131\,220\,269\,563\,489\,516\,748\,283\,183\,104\ t^{44} + 96\,884\,005\,457\,446\,404\,207\,033\,712\,640\ t^{45} -$$

$66\,617\,343\,693\,876\,265\,573\,282\,217\,984\ t^{46} + 42\,543\,627\,520\,767\,230\,192\,750\,952\,448\ t^{47} -$
$25\,157\,472\,861\,962\,584\,557\,002\,686\,464\ t^{48} + 13\,727\,118\,564\,444\,331\,767\,511\,384\,064\ t^{49} -$
$6\,884\,268\,271\,298\,925\,087\,151\,882\,240\ t^{50} + 3\,158\,950\,663\,470\,910\,305\,665\,548\,288\ t^{51} -$
$1\,319\,418\,764\,527\,924\,163\,190\,456\,320\ t^{52} + 498\,622\,883\,922\,259\,387\,644\,641\,280\ t^{53} -$
$169\,306\,532\,202\,785\,465\,553\,649\,664\ t^{54} + 51\,228\,262\,834\,774\,669\,418\,037\,248\ t^{55} -$
$13\,677\,765\,528\,961\,550\,678\,753\,280\ t^{56} + 3\,184\,409\,977\,168\,578\,836\,692\,992\ t^{57} -$
$637\,067\,989\,041\,363\,384\,532\,992\ t^{58} + 107\,509\,077\,771\,790\,885\,847\,040\ t^{59} -$
$14\,939\,322\,106\,083\,910\,090\,752\ t^{60} + 1\,654\,315\,826\,213\,189\,320\,704\ t^{61} -$
$139\,269\,665\,621\,014\,478\,848\ t^{62} + 8\,280\,457\,253\,153\,144\,832\ t^{63} -$
$304\,626\,293\,545\,107\,456\ t^{64} + 5\,066\,549\,580\,791\,808\ t^{65} - 20\,736\ t^{3}\ y + 3\,214\,208\ t^{4}\ y -$
$124\,779\,760\ t^{5}\ y + 2\,528\,709\,696\ t^{6}\ y - 32\,228\,966\,670\ t^{7}\ y + 269\,221\,096\,941\ t^{8}\ y -$
$1\,279\,205\,842\,405\ t^{9}\ y - 1\,256\,228\,268\,047\ t^{10}\ y + 90\,551\,661\,322\,592\ t^{11}\ y -$
$1\,023\,934\,071\,272\,640\ t^{12}\ y + 7\,793\,120\,317\,720\,085\ t^{13}\ y - 46\,691\,631\,456\,314\,130\ t^{14}\ y +$
$232\,969\,708\,835\,480\,028\ t^{15}\ y - 995\,432\,190\,975\,124\,870\ t^{16}\ y + 3\,700\,707\,277\,065\,302\,700\ t^{17}\ y -$
$12\,082\,793\,380\,904\,784\,284\ t^{18}\ y + 34\,810\,899\,438\,992\,497\,500\ t^{19}\ y -$
$88\,546\,292\,246\,646\,346\,784\ t^{20}\ y + 197\,949\,324\,689\,482\,278\,192\ t^{21}\ y -$
$383\,931\,301\,359\,969\,702\,560\ t^{22}\ y + 626\,355\,076\,245\,451\,589\,360\ t^{23}\ y -$
$789\,408\,731\,766\,473\,839\,328\ t^{24}\ y + 516\,958\,383\,216\,934\,195\,776\ t^{25}\ y +$
$854\,944\,621\,983\,646\,170\,784\ t^{26}\ y - 4\,277\,022\,203\,491\,159\,907\,200\ t^{27}\ y +$
$10\,758\,952\,015\,253\,357\,076\,736\ t^{28}\ y - 20\,912\,118\,687\,374\,928\,770\,816\ t^{29}\ y +$
$34\,398\,375\,339\,134\,798\,944\,512\ t^{30}\ y - 49\,577\,704\,238\,526\,312\,917\,504\ t^{31}\ y +$
$63\,665\,730\,790\,544\,163\,563\,520\ t^{32}\ y - 73\,503\,514\,540\,333\,719\,632\,896\ t^{33}\ y +$
$76\,682\,615\,827\,916\,141\,881\,856\ t^{34}\ y - 72\,491\,364\,367\,141\,074\,120\,704\ t^{35}\ y +$
$62\,180\,890\,889\,462\,116\,007\,936\ t^{36}\ y - 48\,411\,330\,604\,352\,209\,846\,272\ t^{37}\ y +$
$34\,194\,589\,523\,711\,446\,786\,048\ t^{38}\ y - 21\,887\,991\,853\,801\,059\,647\,488\ t^{39}\ y +$
$12\,674\,856\,830\,897\,950\,687\,232\ t^{40}\ y - 6\,624\,147\,987\,556\,163\,125\,248\ t^{41}\ y +$
$3\,114\,388\,352\,573\,536\,862\,208\ t^{42}\ y - 1\,311\,597\,514\,369\,644\,101\,632\ t^{43}\ y +$
$491\,898\,737\,963\,690\,885\,120\ t^{44}\ y - 162\,974\,607\,927\,454\,728\,192\ t^{45}\ y +$
$47\,178\,242\,205\,293\,740\,032\ t^{46}\ y - 11\,752\,513\,564\,802\,285\,568\ t^{47}\ y +$
$2\,466\,803\,161\,331\,924\,992\ t^{48}\ y - 423\,543\,798\,560\,194\,560\ t^{49}\ y + 56\,978\,349\,603\,422\,208\ t^{50}\ y -$
$5\,614\,203\,008\,188\,416\ t^{51}\ y + 358\,973\,366\,599\,680\ t^{52}\ y - 11\,132\,555\,231\,232\ t^{53}\ y + 2592\ t^{5}\ y^{2} +$
$47\,152\ t^{6}\ y^{2} - 2\,747\,858\ t^{7}\ y^{2} + 42\,368\,437\ t^{8}\ y^{2} - 319\,467\,384\ t^{9}\ y^{2} + 896\,947\,637\ t^{10}\ y^{2} +$
$6\,496\,919\,969\ t^{11}\ y^{2} - 94\,840\,184\,082\ t^{12}\ y^{2} + 625\,519\,956\,317\ t^{13}\ y^{2} - 2\,774\,072\,523\,278\ t^{14}\ y^{2} +$
$8\,950\,998\,321\,658\ t^{15}\ y^{2} - 20\,988\,631\,247\,406\ t^{16}\ y^{2} + 32\,358\,189\,605\,138\ t^{17}\ y^{2} -$
$15\,120\,367\,168\,388\ t^{18}\ y^{2} - 80\,976\,317\,227\,320\ t^{19}\ y^{2} + 282\,076\,100\,041\,568\ t^{20}\ y^{2} -$
$482\,097\,133\,977\,824\ t^{21}\ y^{2} + 345\,023\,877\,075\,824\ t^{22}\ y^{2} + 625\,092\,756\,908\,768\ t^{23}\ y^{2} -$
$2\,757\,434\,568\,420\,576\ t^{24}\ y^{2} + 5\,805\,777\,928\,249\,056\ t^{25}\ y^{2} - 8\,847\,847\,395\,300\,224\ t^{26}\ y^{2} +$
$10\,719\,234\,511\,926\,016\ t^{27}\ y^{2} - 10\,719\,058\,528\,803\,520\ t^{28}\ y^{2} + 9\,018\,398\,393\,234\,944\ t^{29}\ y^{2} -$
$6\,457\,338\,280\,571\,392\ t^{30}\ y^{2} + 3\,966\,431\,241\,783\,296\ t^{31}\ y^{2} - 2\,103\,759\,169\,397\,760\ t^{32}\ y^{2} +$
$969\,033\,812\,369\,408\ t^{33}\ y^{2} - 389\,389\,415\,505\,920\ t^{34}\ y^{2} + 136\,686\,535\,671\,808\ t^{35}\ y^{2} -$
$41\,707\,989\,876\,736\ t^{36}\ y^{2} + 10\,897\,510\,498\,304\ t^{37}\ y^{2} - 2\,368\,058\,425\,344\ t^{38}\ y^{2} +$
$407\,690\,543\,104\ t^{39}\ y^{2} - 51\,375\,243\,264\ t^{40}\ y^{2} + 4\,114\,612\,224\ t^{41}\ y^{2} - 150\,994\,944\ t^{42}\ y^{2} +$
$16\ t^{8}\ y^{3} + 324\ t^{9}\ y^{3} - 15\,336\ t^{10}\ y^{3} + 208\,415\ t^{11}\ y^{3} - 1\,555\,186\ t^{12}\ y^{3} + 7\,456\,635\ t^{13}\ y^{3} -$

$24\,331\,521\ t^{14}\ y^3 + 53\,967\,538\ t^{15}\ y^3 - 73\,158\,218\ t^{16}\ y^3 + 21\,453\,312\ t^{17}\ y^3 + 160\,168\,266\ t^{18}\ y^3 -$
$444\,571\,376\ t^{19}\ y^3 + 688\,202\,968\ t^{20}\ y^3 - 736\,899\,184\ t^{21}\ y^3 + 572\,681\,656\ t^{22}\ y^3 -$
$323\,107\,264\ t^{23}\ y^3 + 127\,694\,912\ t^{24}\ y^3 - 31\,842\,048\ t^{25}\ y^3 + 3\,206\,784\ t^{26}\ y^3 + 669\,696\ t^{27}\ y^3 -$
$254\,976\ t^{28}\ y^3 + 24\,576\ t^{29}\ y^3 - t^{10}\ y^4 + 6\ t^{11}\ y^4 - 15\ t^{12}\ y^4 + 20\ t^{13}\ y^4 - 15\ t^{14}\ y^4 + 6\ t^{15}\ y^4 - t^{16}\ y^4)$
$(-26\,873\,856 + 1\,310\,069\,376\ t - 29\,216\,309\,497\ t^2 + 399\,253\,109\,077\ t^3 - 4\,004\,249\,250\,522\ t^4 +$
$38\,055\,470\,748\,590\ t^5 - 420\,903\,128\,544\,165\ t^6 + 4\,737\,106\,331\,734\,095\ t^7 -$
$44\,012\,748\,373\,308\,285\ t^8 + 307\,960\,356\,556\,856\,309\ t^9 - 1\,580\,275\,477\,664\,021\,144\ t^{10} +$
$6\,785\,827\,947\,762\,543\,854\ t^{11} - 48\,935\,547\,946\,706\,681\,100\ t^{12} +$
$645\,530\,435\,212\,377\,969\,724\ t^{13} - 7\,705\,939\,343\,964\,030\,178\,207\ t^{14} +$
$72\,260\,769\,686\,653\,048\,177\,733\ t^{15} - 549\,933\,440\,713\,084\,571\,222\,501\ t^{16} +$
$3\,525\,281\,250\,060\,437\,197\,226\,493\ t^{17} - 19\,545\,517\,139\,946\,125\,380\,499\,915\ t^{18} +$
$95\,446\,057\,105\,160\,262\,113\,808\,453\ t^{19} - 415\,718\,038\,250\,810\,840\,106\,138\,700\ t^{20} +$
$1\,629\,280\,230\,523\,662\,609\,386\,676\,132\ t^{21} - 5\,780\,842\,810\,780\,296\,855\,518\,194\,276\ t^{22} +$
$18\,643\,071\,280\,142\,331\,651\,992\,951\,980\ t^{23} - 54\,770\,577\,038\,771\,296\,864\,649\,828\,304\ t^{24} +$
$146\,672\,572\,652\,519\,761\,789\,601\,685\,600\ t^{25} - 357\,640\,679\,073\,280\,860\,511\,771\,963\,824\ t^{26} +$
$791\,509\,232\,352\,636\,233\,241\,656\,038\,000\ t^{27} - 1\,580\,127\,509\,139\,622\,448\,200\,809\,460\,288\ t^{28} +$
$2\,813\,918\,748\,094\,820\,631\,455\,585\,087\,424\ t^{29} - 4\,377\,623\,806\,614\,129\,010\,676\,603\,693\,696\ t^{30} +$
$5\,690\,780\,512\,414\,387\,550\,423\,157\,855\,360\ t^{31} - 5\,457\,697\,395\,261\,817\,112\,625\,473\,054\,464\ t^{32} +$
$1\,690\,046\,978\,950\,468\,083\,250\,763\,137\,792\ t^{33} + 7\,626\,950\,294\,704\,421\,663\,997\,281\,064\,960\ t^{34} -$
$22\,987\,933\,738\,736\,510\,293\,714\,033\,369\,088\ t^{35} + 41\,242\,425\,218\,634\,315\,219\,699\,519\,710\,208\ t^{36} -$
$54\,045\,545\,955\,646\,150\,001\,469\,651\,054\,592\ t^{37} + 48\,683\,662\,235\,372\,715\,317\,552\,055\,773\,184\ t^{38} -$
$12\,705\,670\,112\,353\,200\,340\,501\,882\,224\,640\ t^{39} - 58\,096\,762\,437\,064\,761\,868\,848\,951\,824\,384\ t^{40} +$
$151\,682\,905\,279\,345\,645\,070\,307\,714\,318\,336\ t^{41} -$
$237\,108\,762\,072\,152\,288\,728\,936\,788\,070\,400\ t^{42} +$
$271\,711\,761\,666\,495\,320\,844\,778\,498\,953\,216\ t^{43} -$
$218\,036\,999\,539\,988\,948\,986\,120\,299\,675\,648\ t^{44} + 64\,055\,921\,854\,459\,560\,518\,558\,280\,318\,976$
$t^{45} + 163\,871\,600\,575\,022\,727\,809\,872\,722\,067\,456\ t^{46} -$
$404\,154\,602\,129\,158\,105\,123\,471\,615\,361\,024\ t^{47} + 580\,482\,760\,792\,423\,112\,242\,022\,314\,999\,808$
$t^{48} - 631\,385\,549\,843\,360\,934\,280\,107\,582\,095\,360\ t^{49} +$
$534\,948\,130\,669\,306\,674\,044\,144\,541\,564\,928\ t^{50} - 316\,878\,256\,057\,511\,724\,465\,882\,403\,110\,912$
$t^{51} + 38\,741\,977\,307\,099\,948\,923\,673\,615\,269\,888\ t^{52} +$
$226\,881\,042\,754\,323\,134\,607\,804\,067\,479\,552\ t^{53} - 422\,065\,162\,994\,967\,802\,414\,324\,859\,011\,072$
$t^{54} + 519\,222\,856\,370\,670\,922\,994\,426\,902\,740\,992\ t^{55} -$
$522\,538\,885\,666\,770\,078\,405\,793\,023\,000\,576\ t^{56} + 458\,089\,308\,065\,090\,935\,932\,940\,354\,322\,432$
$t^{57} - 359\,599\,772\,456\,456\,319\,889\,854\,260\,314\,112\ t^{58} +$
$256\,485\,620\,599\,098\,056\,867\,116\,873\,678\,848\ t^{59} - 167\,647\,859\,568\,569\,690\,792\,535\,126\,966\,272$
$t^{60} + 100\,952\,958\,354\,603\,016\,391\,139\,598\,008\,320\ t^{61} -$
$56\,188\,833\,321\,899\,519\,519\,337\,475\,997\,696\ t^{62} + 28\,961\,639\,088\,868\,928\,435\,301\,837\,176\,832\ t^{63} -$
$13\,836\,543\,409\,692\,685\,719\,158\,214\,623\,232\ t^{64} + 6\,127\,572\,188\,988\,297\,658\,004\,798\,439\,424\ t^{65} -$
$2\,513\,643\,145\,832\,677\,979\,009\,717\,370\,880\ t^{66} + 953\,791\,323\,923\,670\,287\,682\,681\,962\,496\ t^{67} -$
$334\,032\,174\,992\,459\,460\,136\,151\,285\,760\ t^{68} + 107\,646\,742\,839\,784\,274\,466\,757\,935\,104\ t^{69} -$
$31\,796\,762\,156\,099\,061\,499\,268\,431\,872\ t^{70} + 8\,565\,852\,917\,210\,603\,931\,364\,753\,408\ t^{71} -$
$2\,091\,595\,629\,384\,330\,437\,950\,701\,568\ t^{72} + 459\,421\,918\,883\,541\,907\,274\,727\,424\ t^{73} -$

$89\,942\,190\,561\,070\,628\,640\,653\,312\ t^{74} + 15\,518\,517\,640\,075\,136\,628\,424\,704\ t^{75} -$
$2\,327\,431\,452\,639\,175\,418\,839\,040\ t^{76} + 298\,231\,630\,899\,285\,856\,354\,304\ t^{77} -$
$31\,934\,123\,076\,674\,434\,105\,344\ t^{78} + 2\,773\,832\,558\,982\,689\,980\,416\ t^{79} -$
$187\,352\,277\,773\,403\,029\,504\ t^{80} + 9\,212\,113\,037\,786\,349\,568\ t^{81} - 292\,733\,975\,779\,082\,240\ t^{82} +$
$4\,503\,599\,627\,370\,496\ t^{83} - 331\,776\ t^{3}\ y - 6\,672\,064\ t^{4}\ y + 419\,695\,184\ t^{5}\ y -$
$3\,118\,640\,928\ t^{6}\ y - 123\,727\,722\,388\ t^{7}\ y + 3\,789\,809\,159\,528\ t^{8}\ y - 54\,795\,833\,653\,808\ t^{9}\ y +$
$498\,852\,474\,067\,120\ t^{10}\ y - 2\,812\,699\,362\,264\,360\ t^{11}\ y + 4\,757\,766\,539\,054\,948\ t^{12}\ y +$
$92\,432\,410\,179\,151\,156\ t^{13}\ y - 1\,265\,060\,922\,878\,117\,992\ t^{14}\ y + 10\,003\,379\,121\,711\,934\,508\ t^{15}\ y -$
$59\,713\,591\,833\,047\,139\,020\ t^{16}\ y + 290\,020\,752\,616\,954\,886\,668\ t^{17}\ y -$
$1\,183\,341\,528\,534\,555\,019\,024\ t^{18}\ y + 4\,118\,227\,018\,290\,940\,430\,120\ t^{19}\ y -$
$12\,291\,422\,837\,096\,751\,709\,992\ t^{20}\ y + 31\,363\,993\,864\,147\,239\,262\,728\ t^{21}\ y -$
$67\,396\,400\,688\,967\,230\,797\,136\ t^{22}\ y + 117\,108\,198\,727\,251\,727\,130\,272\ t^{23}\ y -$
$145\,161\,130\,686\,096\,375\,714\,400\ t^{24}\ y + 51\,112\,126\,624\,253\,969\,900\,448\ t^{25}\ y +$
$350\,369\,555\,268\,126\,288\,270\,144\ t^{26}\ y - 1\,286\,480\,649\,967\,307\,291\,856\,896\ t^{27}\ y +$
$2\,869\,895\,373\,289\,787\,166\,224\,896\ t^{28}\ y - 4\,840\,888\,323\,998\,546\,913\,280\,000\ t^{29}\ y +$
$6\,346\,545\,407\,760\,028\,739\,011\,584\ t^{30}\ y - 6\,002\,891\,105\,199\,826\,201\,391\,616\ t^{31}\ y +$
$2\,430\,430\,921\,029\,683\,122\,361\,344\ t^{32}\ y + 4\,836\,142\,136\,872\,125\,535\,050\,752\ t^{33}\ y -$
$14\,546\,451\,602\,910\,492\,296\,185\,856\ t^{34}\ y + 23\,675\,842\,395\,857\,008\,542\,064\,640\ t^{35}\ y -$
$28\,422\,521\,991\,616\,039\,102\,306\,304\ t^{36}\ y + 25\,901\,722\,624\,581\,589\,375\,920\,128\ t^{37}\ y -$
$15\,633\,674\,199\,796\,167\,941\,681\,152\ t^{38}\ y - 47\,027\,405\,686\,376\,455\,536\,640\ t^{39}\ y +$
$16\,912\,128\,580\,013\,731\,691\,282\,432\ t^{40}\ y - 30\,572\,852\,690\,121\,176\,330\,862\,592\ t^{41}\ y +$
$38\,111\,788\,621\,426\,701\,550\,927\,872\ t^{42}\ y - 38\,875\,446\,657\,644\,925\,505\,732\,608\ t^{43}\ y +$
$34\,231\,384\,975\,646\,918\,430\,916\,608\ t^{44}\ y - 26\,622\,073\,249\,953\,443\,146\,924\,032\ t^{45}\ y +$
$18\,485\,881\,454\,444\,824\,494\,342\,144\ t^{46}\ y - 11\,517\,690\,414\,450\,311\,246\,643\,200\ t^{47}\ y +$
$6\,449\,102\,713\,121\,181\,031\,464\,960\ t^{48}\ y - 3\,243\,302\,841\,107\,745\,144\,832\,000\ t^{49}\ y +$
$1\,461\,896\,522\,899\,713\,429\,602\,304\ t^{50}\ y - 588\,666\,989\,470\,716\,188\,950\,528\ t^{51}\ y +$
$210\,874\,925\,951\,695\,640\,854\,528\ t^{52}\ y - 66\,871\,752\,456\,341\,213\,413\,376\ t^{53}\ y +$
$18\,671\,673\,027\,187\,810\,762\,752\ t^{54}\ y - 4\,565\,717\,948\,470\,476\,668\,928\ t^{55}\ y +$
$973\,261\,513\,257\,761\,374\,208\ t^{56}\ y - 180\,381\,960\,419\,820\,961\,792\ t^{57}\ y +$
$29\,072\,644\,729\,114\,460\,160\ t^{58}\ y - 4\,081\,721\,427\,797\,999\,616\ t^{59}\ y +$
$497\,108\,826\,328\,137\,728\ t^{60}\ y - 51\,181\,613\,437\,943\,808\ t^{61}\ y + 4\,163\,575\,656\,480\,768\ t^{62}\ y -$
$233\,371\,342\,995\,456\ t^{63}\ y + 6\,597\,069\,766\,656\ t^{64}\ y + 41\,472\ t^{5}\ y^{2} + 91\,816\ t^{6}\ y^{2} -$
$25\,575\,848\ t^{7}\ y^{2} + 446\,039\,452\ t^{8}\ y^{2} - 3\,257\,715\,452\ t^{9}\ y^{2} + 1\,731\,244\,032\ t^{10}\ y^{2} +$
$201\,866\,745\,224\ t^{11}\ y^{2} - 2\,330\,881\,460\,488\ t^{12}\ y^{2} + 15\,820\,150\,806\,360\ t^{13}\ y^{2} -$
$77\,180\,445\,404\,624\ t^{14}\ y^{2} + 288\,571\,595\,352\,576\ t^{15}\ y^{2} - 848\,622\,235\,256\,076\ t^{16}\ y^{2} +$
$1\,979\,432\,252\,214\,124\ t^{17}\ y^{2} - 3\,661\,424\,306\,171\,920\ t^{18}\ y^{2} + 5\,417\,759\,803\,535\,320\ t^{19}\ y^{2} -$
$6\,985\,349\,723\,363\,040\ t^{20}\ y^{2} + 10\,473\,208\,818\,065\,216\ t^{21}\ y^{2} - 21\,998\,284\,243\,283\,280\ t^{22}\ y^{2} +$
$47\,217\,331\,057\,133\,584\ t^{23}\ y^{2} - 77\,503\,458\,232\,651\,328\ t^{24}\ y^{2} + 77\,117\,388\,361\,830\,976\ t^{25}\ y^{2} +$
$4\,244\,531\,509\,346\,176\ t^{26}\ y^{2} - 180\,793\,972\,872\,544\,512\ t^{27}\ y^{2} + 373\,846\,832\,303\,887\,616\ t^{28}\ y^{2} -$
$415\,633\,928\,209\,308\,928\ t^{29}\ y^{2} + 146\,622\,565\,763\,286\,528\ t^{30}\ y^{2} + 453\,223\,695\,590\,801\,920\ t^{31}\ y^{2} -$
$1\,213\,628\,516\,436\,700\,160\ t^{32}\ y^{2} + 1\,859\,953\,984\,688\,479\,232\ t^{33}\ y^{2} -$
$2\,171\,810\,385\,718\,517\,760\ t^{34}\ y^{2} + 2\,092\,487\,767\,863\,513\,088\ t^{35}\ y^{2} -$
$1\,723\,498\,257\,085\,382\,656\ t^{36}\ y^{2} + 1\,236\,623\,539\,038\,834\,688\ t^{37}\ y^{2} -$

$780\,887\,385\,789\,730\,816\ t^{38}\ y^2 + 436\,030\,675\,929\,681\,920\ t^{39}\ y^2 - 215\,446\,614\,843\,752\,448\ t^{40}\ y^2 +$
$93\,974\,615\,378\,788\,352\ t^{41}\ y^2 - 35\,997\,287\,308\,918\,784\ t^{42}\ y^2 + 12\,008\,482\,354\,167\,808\ t^{43}\ y^2 -$
$3\,444\,278\,283\,468\,800\ t^{44}\ y^2 + 832\,668\,162\,850\,816\ t^{45}\ y^2 - 164\,408\,103\,796\,736\ t^{46}\ y^2 +$
$25\,160\,469\,970\,944\ t^{47}\ y^2 - 2\,706\,987\,024\,384\ t^{48}\ y^2 + 159\,853\,314\,048\ t^{49}\ y^2 +$
$536\,870\,912\ t^{50}\ y^2 - 536\,870\,912\ t^{51}\ y^2 + 256\ t^8\ y^3 + 4416\ t^9\ y^3 - 260\,160\ t^{10}\ y^3 +$
$4\,086\,064\ t^{11}\ y^3 - 35\,628\,208\ t^{12}\ y^3 + 204\,204\,384\ t^{13}\ y^3 - 825\,206\,384\ t^{14}\ y^3 +$
$2\,414\,195\,072\ t^{15}\ y^3 - 5\,048\,192\,480\ t^{16}\ y^3 + 6\,834\,593\,616\ t^{17}\ y^3 - 2\,842\,141\,792\ t^{18}\ y^3 -$
$12\,600\,928\,320\ t^{19}\ y^3 + 39\,695\,497\,312\ t^{20}\ y^3 - 68\,726\,247\,712\ t^{21}\ y^3 + 84\,680\,951\,808\ t^{22}\ y^3 -$
$79\,040\,844\,032\ t^{23}\ y^3 + 56\,831\,373\,696\ t^{24}\ y^3 - 31\,310\,883\,712\ t^{25}\ y^3 + 12\,878\,798\,848\ t^{26}\ y^3 -$
$3\,714\,747\,392\ t^{27}\ y^3 + 627\,173\,376\ t^{28}\ y^3 - 6\,531\,072\ t^{29}\ y^3 - 24\,133\,632\ t^{30}\ y^3 +$
$5\,259\,264\ t^{31}\ y^3 - 393\,216\ t^{32}\ y^3 - 16\ t^{10}\ y^4 + 144\ t^{11}\ y^4 - 576\ t^{12}\ y^4 + 1344\ t^{13}\ y^4 -$
$2016\ t^{14}\ y^4 + 2016\ t^{15}\ y^4 - 1344\ t^{16}\ y^4 + 576\ t^{17}\ y^4 - 144\ t^{18}\ y^4 + 16\ t^{19}\ y^4)$
$(9\,682\,651\,996\,416 - 2\,269\,462\,130\,683\,776\ t + 248\,401\,220\,624\,523\,792\ t^2 -$
$17\,159\,034\,888\,207\,815\,904\ t^3 + 851\,020\,240\,003\,081\,098\,280\ t^4 -$
$32\,597\,530\,811\,495\,584\,356\,392\ t^5 + 1\,010\,813\,398\,839\,071\,694\,293\,773\ t^6 -$
$26\,220\,290\,918\,212\,498\,263\,433\,710\ t^7 + 582\,784\,010\,824\,198\,794\,624\,636\,656\ t^8 -$
$11\,302\,562\,824\,560\,185\,372\,820\,430\,942\ t^9 + 193\,986\,916\,969\,437\,728\,289\,497\,294\,928\ t^{10} -$
$2\,979\,423\,848\,829\,891\,865\,864\,950\,141\,468\ t^{11} + 41\,316\,711\,209\,220\,771\,665\,943\,303\,856\,236\ t^{12} -$
$521\,046\,005\,294\,048\,014\,261\,431\,868\,436\,848\ t^{13} +$
$6\,010\,636\,718\,930\,927\,836\,630\,993\,937\,316\,449\ t^{14} -$
$63\,727\,492\,141\,273\,416\,950\,714\,381\,680\,772\,724\ t^{15} +$
$623\,417\,158\,561\,175\,130\,513\,498\,423\,410\,674\,530\ t^{16} -$
$5\,644\,642\,125\,950\,143\,720\,786\,074\,080\,649\,284\,328\ t^{17} +$
$47\,421\,711\,182\,770\,965\,209\,076\,487\,458\,997\,328\,339\ t^{18} -$
$370\,355\,608\,779\,737\,587\,937\,371\,271\,430\,385\,374\,294\ t^{19} +$
$2\,692\,314\,060\,416\,365\,103\,585\,726\,642\,288\,591\,873\,170\ t^{20} -$
$18\,230\,390\,827\,196\,929\,552\,007\,694\,581\,076\,834\,626\,010\ t^{21} +$
$114\,981\,361\,716\,407\,029\,918\,113\,886\,143\,635\,984\,593\,754\ t^{22} -$
$674\,917\,953\,872\,741\,020\,181\,664\,045\,149\,907\,889\,783\,108\ t^{23} +$
$3\,679\,726\,621\,535\,002\,873\,807\,090\,541\,950\,697\,513\,548\,722\ t^{24} -$
$18\,569\,076\,217\,605\,929\,274\,426\,989\,779\,450\,650\,741\,990\,400\ t^{25} +$
$86\,220\,882\,871\,101\,515\,825\,606\,949\,338\,110\,170\,964\,517\,884\ t^{26} -$
$364\,771\,412\,042\,800\,953\,243\,734\,016\,138\,172\,902\,557\,964\,046\ t^{27} +$
$1\,382\,503\,710\,435\,581\,744\,055\,775\,411\,580\,130\,246\,448\,527\,754\ t^{28} -$
$4\,547\,482\,255\,000\,599\,632\,866\,278\,520\,860\,897\,457\,813\,941\,582\ t^{29} +$
$12\,106\,086\,874\,539\,309\,614\,140\,947\,909\,935\,398\,809\,374\,402\,203\ t^{30} -$
$20\,957\,850\,299\,243\,683\,058\,791\,804\,182\,228\,046\,766\,822\,478\,066\ t^{31} -$
$6\,755\,433\,776\,541\,204\,608\,394\,960\,514\,345\,123\,001\,736\,840\,500\ t^{32} +$
$174\,599\,077\,492\,685\,148\,731\,917\,120\,402\,039\,112\,124\,859\,187\,518\ t^{33} +$
$12\,037\,920\,808\,398\,918\,039\,408\,441\,922\,141\,820\,680\,170\,792\,181\ t^{34} -$
$8\,870\,760\,625\,554\,944\,501\,172\,341\,080\,433\,360\,105\,624\,510\,502\,640\ t^{35} +$
$92\,597\,162\,110\,310\,928\,874\,646\,149\,630\,673\,867\,126\,225\,385\,178\,240\ t^{36} -$
$657\,542\,502\,030\,285\,831\,342\,309\,211\,458\,411\,644\,660\,627\,178\,298\,672\ t^{37} +$

$3\,843\,416\,945\,836\,125\,251\,227\,818\,021\,356\,303\,538\,530\,222\,158\,628\,485\ t^{38} -$

$19\,740\,146\,568\,713\,759\,949\,091\,808\,318\,480\,074\,602\,686\,799\,749\,542\,344\ t^{39} +$

$91\,915\,944\,350\,632\,204\,670\,718\,106\,797\,885\,433\,864\,516\,904\,602\,357\,424\ t^{40} -$

$394\,920\,920\,604\,950\,076\,754\,457\,523\,224\,319\,426\,170\,602\,670\,577\,805\,320\ t^{41} +$

$1\,583\,120\,291\,756\,872\,817\,318\,943\,692\,681\,462\,211\,001\,153\,609\,256\,643\,668\ t^{42} -$

$5\,965\,244\,693\,774\,447\,460\,243\,478\,685\,652\,332\,954\,325\,318\,980\,290\,908\,624\ t^{43} +$

$21\,238\,661\,424\,167\,157\,620\,857\,669\,568\,413\,999\,631\,271\,063\,053\,265\,587\,808\ t^{44} -$

$71\,724\,906\,015\,968\,818\,668\,020\,788\,728\,544\,400\,578\,921\,679\,676\,917\,463\,072\ t^{45} +$

$230\,407\,624\,138\,164\,417\,701\,516\,312\,981\,163\,289\,028\,452\,560\,648\,225\,374\,768\ t^{46} -$

$705\,581\,729\,877\,770\,816\,163\,035\,794\,743\,287\,334\,822\,539\,832\,297\,907\,681\,280\ t^{47} +$

$2\,063\,174\,599\,294\,189\,388\,878\,218\,154\,791\,773\,986\,400\,686\,263\,686\,307\,712\,704\ t^{48} -$

$5\,767\,680\,723\,832\,812\,326\,642\,990\,686\,999\,770\,888\,905\,254\,009\,694\,407\,378\,560\ t^{49} +$

$15\,428\,978\,004\,758\,855\,005\,468\,030\,202\,181\,996\,170\,566\,731\,929\,829\,104\,462\,656\ t^{50} -$

$39\,519\,731\,331\,351\,142\,578\,726\,246\,849\,016\,399\,713\,639\,054\,597\,629\,654\,691\,840\ t^{51} +$

$96\,959\,310\,351\,735\,731\,192\,736\,397\,780\,265\,178\,537\,192\,073\,251\,493\,780\,599\,040\ t^{52} -$

$227\,884\,049\,506\,172\,941\,942\,181\,478\,676\,129\,985\,120\,488\,149\,181\,090\,475\,941\,376\ t^{53} +$

$513\,012\,388\,952\,600\,250\,681\,544\,315\,291\,876\,390\,191\,426\,649\,205\,509\,093\,130\,496\ t^{54} -$

$1\,105\,741\,483\,596\,317\,515\,005\,725\,833\,173\,167\,331\,324\,706\,731\,074\,049\,224\,623\,104\ t^{55} +$

$2\,280\,225\,948\,844\,746\,352\,564\,732\,062\,052\,153\,553\,646\,814\,241\,676\,514\,066\,738\,176\ t^{56} -$

$4\,493\,895\,271\,963\,582\,639\,407\,872\,350\,930\,800\,595\,572\,126\,795\,039\,806\,827\,337\,728\ t^{57} +$

$8\,450\,851\,997\,622\,503\,875\,152\,040\,959\,887\,932\,421\,768\,653\,009\,314\,236\,187\,931\,648\ t^{58} -$

$15\,129\,965\,332\,318\,786\,335\,388\,174\,236\,519\,951\,496\,136\,003\,365\,914\,559\,032\,176\,640\ t^{59} +$

$25\,707\,344\,222\,307\,884\,220\,518\,277\,601\,773\,942\,189\,460\,215\,261\,486\,149\,330\,087\,936\ t^{60} -$

$41\,263\,539\,578\,747\,326\,707\,279\,176\,603\,129\,210\,925\,267\,442\,596\,975\,262\,349\,885\,440\ t^{61} +$

$62\,140\,890\,817\,819\,618\,433\,121\,948\,949\,429\,005\,124\,466\,141\,015\,643\,045\,922\,926\,592\ t^{62} -$

$86\,843\,430\,915\,066\,193\,151\,319\,676\,407\,015\,390\,411\,023\,110\,082\,492\,580\,583\,112\,704\ t^{63} +$

$110\,503\,462\,384\,190\,462\,719\,503\,172\,592\,325\,054\,691\,781\,458\,292\,998\,287\,772\,205\,056\ t^{64} -$

$123\,225\,549\,191\,889\,010\,623\,802\,218\,353\,090\,286\,117\,941\,888\,638\,154\,362\,633\,322\,496\ t^{65} +$

$109\,069\,508\,616\,055\,354\,222\,572\,927\,208\,319\,401\,994\,299\,731\,992\,393\,832\,269\,774\,848\ t^{66} -$

$46\,962\,084\,547\,380\,115\,788\,264\,315\,281\,431\,615\,052\,746\,068\,335\,330\,997\,758\,328\,832\ t^{67} -$

$84\,801\,491\,953\,411\,415\,278\,181\,818\,630\,946\,776\,850\,815\,405\,097\,830\,608\,327\,737\,344\ t^{68} +$

$298\,974\,912\,412\,577\,269\,290\,814\,800\,321\,143\,154\,273\,910\,137\,114\,138\,054\,590\,332\,928\ t^{69} -$

$584\,360\,509\,865\,513\,192\,003\,603\,899\,799\,393\,209\,461\,417\,186\,925\,908\,323\,788\,193\,792\ t^{70} +$

$887\,471\,944\,363\,415\,076\,938\,686\,212\,956\,664\,520\,726\,183\,883\,738\,627\,624\,908\,619\,776\ t^{71} -$

$1\,096\,415\,240\,587\,647\,452\,254\,666\,262\,267\,084\,392\,180\,890\,643\,291\,934\,057\,050\,144\,768\ t^{72} +$

$1\,036\,097\,840\,591\,443\,903\,837\,622\,723\,418\,221\,912\,998\,092\,586\,616\,916\,932\,640\,112\,640\ t^{73} -$

$485\,715\,194\,454\,257\,563\,674\,366\,216\,390\,223\,929\,788\,363\,449\,857\,863\,409\,762\,041\,856\ t^{74} -$

$772\,601\,967\,576\,894\,154\,233\,112\,063\,258\,078\,149\,228\,934\,601\,865\,779\,220\,857\,225\,216\ t^{75} +$

$2\,872\,707\,713\,193\,285\,122\,761\,017\,336\,477\,618\,678\,280\,301\,025\,713\,743\,537\,036\,591\,104\ t^{76} -$

$5\,762\,640\,037\,918\,131\,647\,011\,040\,554\,138\,942\,816\,811\,386\,203\,375\,952\,243\,286\,081\,536\ t^{77} +$

$9\,109\,186\,182\,254\,513\,984\,015\,897\,380\,128\,568\,872\,944\,063\,355\,083\,746\,757\,998\,280\,704\ t^{78} -$

$12\,247\,881\,732\,374\,813\,917\,696\,688\,360\,301\,256\,528\,510\,967\,826\,576\,738\,565\,169\,872\,896\ t^{79} +$

$14\,219\,038\,054\,829\,235\,915\,933\,026\,966\,172\,666\,802\,517\,213\,437\,894\,387\,072\,803\,799\,040\ t^{80} -$

$13\,916\,079\,255\,346\,275\,166\,092\,129\,549\,859\,913\,294\,485\,792\,562\,299\,177\,178\,283\,114\,496\ t^{81} +$

$10\,341\,943\,585\,139\,092\,113\,689\,692\,530\,648\,803\,174\,904\,992\,963\,675\,618\,408\,101\,052\,416\ t^{82} -$

$2\,929\,287\,432\,173\,389\,952\,430\,809\,096\,351\,008\,799\,540\,376\,154\,731\,717\,794\,698\,625\,024\ t^{83} -$

$8\,156\,203\,627\,893\,718\,161\,810\,319\,461\,732\,495\,256\,417\,887\,416\,189\,347\,570\,590\,416\,896\ t^{84} +$

$21\,827\,592\,360\,807\,401\,321\,832\,413\,896\,465\,948\,832\,819\,935\,415\,397\,196\,932\,600\,299\,520\ t^{85} -$

$36\,088\,930\,444\,891\,883\,218\,112\,904\,175\,789\,063\,092\,182\,375\,263\,407\,726\,981\,973\,803\,008\ t^{86} +$

$48\,288\,561\,074\,533\,450\,442\,794\,306\,593\,517\,160\,927\,616\,438\,405\,452\,207\,944\,911\,290\,368\ t^{87} -$

$55\,587\,901\,954\,190\,526\,978\,264\,724\,893\,321\,605\,249\,190\,478\,151\,559\,241\,481\,949\,544\,448\ t^{88} +$

$55\,552\,660\,741\,492\,104\,226\,102\,387\,083\,899\,801\,533\,976\,911\,763\,176\,830\,029\,225\,000\,960\ t^{89} -$

$46\,727\,366\,184\,869\,148\,708\,142\,941\,104\,744\,626\,473\,171\,731\,732\,803\,687\,117\,752\,369\,152\ t^{90} +$

$29\,046\,122\,737\,771\,372\,912\,028\,596\,032\,116\,250\,583\,160\,257\,675\,854\,295\,786\,588\,209\,152\ t^{91} -$

$3\,966\,934\,104\,128\,923\,969\,299\,459\,609\,356\,572\,796\,342\,285\,697\,720\,566\,623\,565\,250\,560\ t^{92} -$

$25\,715\,793\,264\,835\,202\,143\,067\,460\,923\,304\,110\,997\,649\,361\,688\,052\,972\,940\,188\,188\,672\ t^{93} +$

$56\,345\,634\,306\,007\,819\,567\,913\,695\,704\,703\,735\,829\,518\,837\,443\,550\,616\,030\,990\,565\,376\ t^{94} -$

$84\,060\,029\,135\,296\,288\,042\,420\,408\,110\,788\,811\,239\,928\,634\,555\,723\,512\,248\,625\,266\,688\ t^{95} +$

$105\,480\,447\,098\,177\,967\,652\,232\,330\,001\,589\,782\,737\,666\,177\,689\,528\,655\,377\,445\,421\,056\ t^{96} -$

$118\,285\,987\,489\,527\,814\,921\,548\,114\,754\,714\,555\,203\,683\,018\,280\,249\,445\,569\,492\,156\,416\ t^{97} +$

$121\,552\,960\,739\,421\,711\,534\,069\,576\,677\,677\,068\,660\,662\,174\,159\,177\,594\,928\,483\,008\,512\ t^{98} -$

$115\,802\,874\,973\,400\,243\,713\,668\,430\,611\,775\,000\,968\,004\,511\,699\,319\,998\,594\,815\,098\,880\ t^{99} +$

$102\,771\,226\,788\,350\,216\,054\,368\,786\,833\,655\,104\,704\,732\,212\,385\,487\,605\,509\,128\,192\,000\ t^{100} -$

$84\,971\,629\,124\,101\,737\,371\,885\,290\,560\,034\,254\,929\,164\,535\,387\,200\,252\,417\,046\,216\,704\ t^{101} +$

$65\,169\,079\,460\,251\,340\,831\,107\,888\,602\,269\,961\,808\,969\,297\,386\,187\,939\,279\,510\,962\,176\ t^{102} -$

$45\,884\,216\,834\,018\,563\,298\,916\,845\,545\,379\,477\,170\,255\,807\,232\,167\,996\,661\,497\,331\,712\ t^{103} +$

$29\,027\,685\,047\,807\,925\,653\,272\,821\,728\,940\,017\,360\,998\,000\,087\,707\,538\,189\,044\,416\,512\ t^{104} -$

$15\,719\,164\,969\,786\,869\,394\,004\,595\,856\,315\,374\,251\,525\,496\,754\,087\,462\,935\,214\,424\,064\ t^{105} +$

$6\,293\,735\,937\,895\,749\,366\,125\,281\,596\,360\,711\,107\,670\,847\,388\,151\,736\,584\,508\,538\,880\ t^{106} -$

$454\,147\,124\,780\,427\,213\,071\,566\,894\,185\,340\,896\,562\,198\,625\,587\,943\,964\,554\,559\,488\ t^{107} -$

$2\,497\,720\,481\,120\,209\,685\,081\,458\,509\,722\,989\,111\,032\,103\,305\,882\,074\,128\,242\,966\,528\ t^{108} +$

$3\,419\,797\,670\,313\,359\,048\,088\,185\,200\,003\,513\,810\,612\,735\,068\,906\,885\,686\,707\,093\,504\ t^{109} -$

$3\,133\,048\,678\,062\,517\,682\,836\,949\,996\,518\,027\,099\,776\,175\,697\,894\,254\,640\,627\,712\,000\ t^{110} +$

$2\,297\,251\,176\,073\,821\,559\,062\,846\,886\,015\,748\,231\,409\,428\,031\,439\,319\,671\,832\,051\,712\ t^{111} -$

$1\,361\,899\,912\,832\,580\,827\,697\,408\,351\,959\,895\,215\,446\,717\,203\,230\,759\,284\,136\,476\,672\ t^{112} +$

$576\,247\,411\,138\,714\,208\,703\,652\,833\,847\,521\,095\,331\,545\,382\,619\,548\,352\,822\,378\,496\ t^{113} -$

$34\,148\,034\,258\,156\,999\,266\,970\,732\,935\,142\,701\,713\,365\,648\,059\,606\,791\,738\,097\,664\ t^{114} -$

$269\,774\,128\,824\,745\,491\,538\,668\,051\,434\,566\,883\,266\,632\,586\,116\,563\,875\,756\,244\,992\ t^{115} +$

$389\,527\,028\,348\,123\,980\,363\,339\,412\,258\,006\,429\,802\,043\,286\,753\,046\,416\,844\,652\,544\ t^{116} -$

$391\,276\,404\,278\,506\,226\,331\,850\,865\,086\,156\,066\,786\,784\,457\,473\,104\,293\,880\,922\,112\ t^{117} +$

$332\,470\,997\,572\,907\,887\,966\,867\,509\,120\,206\,442\,145\,356\,174\,969\,134\,263\,616\,667\,648\ t^{118} -$

$253\,664\,174\,754\,785\,175\,008\,317\,322\,616\,552\,006\,273\,991\,399\,211\,531\,078\,564\,052\,992\ t^{119} +$

$178\,484\,963\,089\,980\,266\,226\,537\,449\,577\,158\,762\,591\,633\,897\,286\,245\,415\,173\,226\,496\ t^{120} -$

$117\,510\,998\,739\,545\,185\,589\,167\,283\,697\,490\,111\,914\,579\,051\,866\,124\,982\,771\,777\,536\ t^{121} +$

$73\,036\,221\,730\,637\,513\,857\,341\,725\,702\,432\,075\,387\,516\,443\,367\,027\,625\,361\,932\,288\ t^{122} -$

$43\,105\,282\,911\,942\,150\,324\,327\,192\,217\,717\,165\,206\,951\,989\,695\,512\,967\,831\,879\,680\ t^{123} +$

$24\,257\,421\,803\,964\,074\,166\,189\,424\,543\,222\,738\,776\,400\,548\,113\,205\,732\,160\,045\,056\ t^{124} -$
$13\,055\,431\,729\,726\,400\,951\,799\,790\,586\,664\,931\,652\,471\,122\,949\,871\,693\,847\,330\,816\ t^{125} +$
$6\,735\,350\,800\,033\,521\,610\,752\,020\,518\,929\,155\,832\,484\,638\,817\,815\,039\,179\,751\,424\ t^{126} -$
$3\,336\,688\,409\,200\,299\,793\,107\,901\,423\,163\,416\,623\,638\,218\,074\,650\,388\,805\,451\,776\ t^{127} +$
$1\,589\,479\,837\,311\,506\,556\,586\,968\,367\,989\,728\,357\,204\,094\,325\,790\,752\,548\,847\,616\ t^{128} -$
$728\,865\,925\,301\,117\,493\,860\,848\,972\,885\,797\,104\,513\,900\,379\,468\,905\,268\,117\,504\ t^{129} +$
$322\,003\,208\,679\,154\,323\,922\,074\,191\,942\,331\,188\,649\,210\,102\,026\,637\,139\,771\,392\ t^{130} -$
$137\,143\,104\,010\,656\,270\,152\,620\,899\,899\,236\,141\,534\,259\,996\,515\,953\,931\,190\,272\ t^{131} +$
$56\,337\,379\,520\,282\,593\,451\,670\,498\,169\,387\,123\,851\,053\,980\,647\,084\,865\,355\,776\ t^{132} -$
$22\,329\,046\,885\,786\,173\,737\,580\,416\,537\,813\,426\,902\,690\,481\,964\,726\,456\,680\,448\ t^{133} +$
$8\,540\,358\,509\,440\,492\,710\,637\,487\,046\,349\,776\,081\,756\,826\,028\,539\,044\,167\,680\ t^{134} -$
$3\,152\,379\,784\,753\,749\,756\,098\,392\,049\,007\,018\,546\,884\,800\,116\,772\,965\,449\,728\ t^{135} +$
$1\,122\,860\,378\,958\,222\,083\,054\,006\,791\,715\,076\,683\,579\,212\,467\,650\,997\,256\,192\ t^{136} -$
$385\,878\,238\,709\,326\,125\,761\,869\,342\,953\,681\,046\,340\,392\,145\,251\,188\,342\,784\ t^{137} +$
$127\,899\,171\,721\,790\,489\,247\,000\,597\,421\,983\,365\,350\,953\,897\,172\,853\,063\,680\ t^{138} -$
$40\,867\,159\,413\,551\,147\,284\,291\,388\,361\,867\,518\,358\,450\,627\,217\,201\,299\,456\ t^{139} +$
$12\,580\,676\,417\,245\,572\,664\,197\,276\,428\,811\,192\,573\,246\,543\,610\,175\,815\,680\ t^{140} -$
$3\,728\,397\,299\,475\,624\,200\,962\,401\,551\,413\,039\,006\,413\,715\,640\,336\,515\,072\ t^{141} +$
$1\,062\,724\,637\,950\,135\,744\,007\,052\,284\,004\,310\,523\,425\,569\,525\,538\,488\,320\ t^{142} -$
$291\,010\,820\,234\,393\,294\,145\,065\,318\,409\,977\,591\,662\,305\,978\,523\,582\,464\ t^{143} +$
$76\,454\,714\,907\,249\,433\,814\,507\,161\,290\,597\,216\,729\,562\,470\,347\,177\,984\ t^{144} -$
$19\,240\,561\,447\,989\,753\,386\,358\,022\,933\,955\,346\,997\,032\,235\,170\,791\,424\ t^{145} +$
$4\,629\,560\,865\,427\,840\,423\,326\,039\,896\,458\,298\,084\,908\,756\,866\,433\,024\ t^{146} -$
$1\,062\,721\,368\,985\,752\,863\,927\,841\,103\,765\,388\,714\,445\,365\,688\,926\,208\ t^{147} +$
$232\,134\,245\,157\,526\,724\,364\,437\,809\,664\,115\,240\,129\,411\,994\,877\,952\ t^{148} -$
$48\,104\,299\,236\,510\,154\,564\,404\,718\,906\,464\,587\,967\,734\,369\,746\,944\ t^{149} +$
$9\,423\,238\,818\,415\,295\,418\,395\,976\,433\,890\,887\,146\,300\,778\,741\,760\ t^{150} -$
$1\,737\,585\,414\,653\,383\,999\,288\,995\,058\,193\,457\,743\,968\,665\,075\,712\ t^{151} +$
$300\,072\,817\,374\,867\,507\,388\,885\,917\,234\,438\,866\,263\,410\,212\,864\ t^{152} -$
$48\,240\,457\,944\,875\,406\,553\,254\,151\,139\,907\,971\,442\,599\,264\,256\ t^{153} +$
$7\,166\,877\,232\,545\,705\,421\,921\,098\,310\,736\,444\,358\,792\,314\,880\ t^{154} -$
$975\,290\,493\,099\,176\,475\,346\,562\,849\,013\,861\,435\,987\,460\,096\ t^{155} +$
$120\,257\,136\,290\,629\,415\,142\,166\,210\,129\,754\,345\,074\,327\,552\ t^{156} -$
$13\,256\,154\,628\,591\,586\,974\,978\,727\,369\,495\,743\,440\,093\,184\ t^{157} +$
$1\,284\,333\,107\,204\,984\,741\,545\,242\,617\,516\,881\,755\,504\,640\ t^{158} -$
$106\,986\,291\,363\,896\,739\,934\,602\,231\,841\,181\,977\,804\,800\ t^{159} +$
$7\,438\,363\,133\,445\,602\,725\,830\,537\,756\,545\,743\,060\,992\ t^{160} -$
$413\,727\,942\,834\,942\,796\,924\,090\,011\,862\,393\,946\,112\ t^{161} +$
$17\,231\,718\,431\,009\,820\,164\,957\,928\,756\,351\,074\,304\ t^{162} -$
$476\,981\,426\,649\,076\,333\,359\,967\,508\,493\,238\,272\ t^{163} +$
$6\,571\,500\,711\,583\,141\,217\,358\,909\,416\,669\,184\ t^{164} + 702\,596\,063\,232\ t^{3}\,y -$
$112\,722\,058\,874\,880\ t^{4}\,y + 13\,505\,264\,874\,517\,248\ t^{5}\,y - 1\,066\,012\,213\,661\,946\,496\ t^{6}\,y +$
$55\,716\,186\,969\,578\,712\,912\ t^{7}\,y - 2\,058\,178\,147\,186\,812\,504\,656\ t^{8}\,y +$

$56\,718\,561\,600\,194\,722\,475\,284\ t^{9}\ y - 1\,207\,262\,606\,850\,374\,131\,831\,728\ t^{10}\ y +$
$20\,164\,675\,259\,619\,615\,564\,318\,760\ t^{11}\ y - 261\,990\,189\,130\,543\,168\,411\,850\,416\ t^{12}\ y +$
$2\,482\,773\,430\,604\,940\,292\,294\,907\,708\ t^{13}\ y - 12\,186\,529\,457\,866\,654\,649\,511\,864\,564\ t^{14}\ y -$
$109\,618\,955\,349\,723\,952\,425\,933\,052\,788\ t^{15}\ y + 3\,859\,575\,158\,970\,829\,703\,194\,147\,815\,156\ t^{16}\ y -$
$62\,129\,663\,623\,957\,720\,846\,438\,989\,041\,628\ t^{17}\ y +$
$746\,766\,213\,443\,062\,425\,668\,787\,676\,564\,992\ t^{18}\ y -$
$7\,405\,882\,315\,922\,540\,498\,203\,981\,650\,402\,040\ t^{19}\ y +$
$62\,950\,999\,062\,708\,140\,903\,216\,944\,669\,267\,636\ t^{20}\ y -$
$466\,712\,394\,664\,771\,509\,465\,815\,557\,978\,935\,776\ t^{21}\ y +$
$3\,040\,532\,219\,476\,638\,687\,650\,195\,716\,827\,101\,744\ t^{22}\ y -$
$17\,418\,821\,711\,033\,715\,138\,850\,821\,614\,697\,238\,736\ t^{23}\ y +$
$87\,304\,704\,072\,723\,087\,840\,576\,812\,791\,170\,617\,536\ t^{24}\ y -$
$378\,912\,286\,547\,724\,032\,655\,085\,182\,589\,576\,272\,116\ t^{25}\ y +$
$1\,410\,933\,502\,925\,360\,584\,623\,973\,901\,526\,561\,146\,304\ t^{26}\ y -$
$4\,654\,787\,921\,955\,069\,832\,258\,608\,602\,967\,008\,519\,064\ t^{27}\ y +$
$17\,142\,269\,191\,940\,340\,112\,893\,665\,663\,393\,193\,545\,976\ t^{28}\ y -$
$105\,666\,700\,179\,686\,570\,610\,379\,790\,556\,814\,606\,468\,996\ t^{29}\ y +$
$904\,139\,696\,701\,147\,751\,992\,778\,014\,437\,143\,273\,316\,212\ t^{30}\ y -$
$7\,419\,680\,582\,312\,495\,384\,985\,081\,760\,728\,735\,387\,966\,348\ t^{31}\ y +$
$53\,180\,446\,976\,102\,861\,699\,652\,616\,439\,272\,008\,088\,031\,252\ t^{32}\ y -$
$334\,490\,283\,602\,579\,578\,868\,941\,848\,225\,875\,536\,617\,361\,172\ t^{33}\ y +$
$1\,879\,062\,268\,486\,817\,019\,222\,810\,265\,898\,853\,106\,855\,300\,928\ t^{34}\ y -$
$9\,571\,159\,492\,390\,346\,029\,962\,313\,396\,776\,445\,277\,911\,798\,024\ t^{35}\ y +$
$44\,699\,989\,952\,335\,927\,011\,210\,436\,380\,655\,957\,963\,379\,578\,788\ t^{36}\ y -$
$192\,969\,650\,465\,330\,224\,980\,537\,551\,789\,947\,906\,552\,578\,313\,752\ t^{37}\ y +$
$774\,562\,764\,107\,246\,683\,860\,047\,476\,698\,661\,937\,664\,922\,571\,040\ t^{38}\ y -$
$2\,902\,974\,025\,138\,891\,245\,070\,332\,545\,239\,542\,978\,789\,926\,583\,504\ t^{39}\ y +$
$10\,189\,023\,420\,063\,495\,000\,234\,043\,705\,459\,840\,097\,106\,347\,385\,928\ t^{40}\ y -$
$33\,554\,984\,532\,937\,183\,862\,790\,536\,057\,956\,812\,669\,182\,548\,734\,512\ t^{41}\ y +$
$103\,786\,618\,853\,203\,878\,973\,542\,218\,043\,867\,380\,188\,527\,220\,811\,808\ t^{42}\ y -$
$301\,508\,040\,349\,160\,976\,060\,301\,934\,230\,808\,076\,302\,563\,615\,610\,624\ t^{43}\ y +$
$821\,810\,264\,216\,574\,589\,879\,897\,544\,524\,276\,596\,827\,500\,644\,368\,608\ t^{44}\ y -$
$2\,096\,459\,871\,825\,905\,646\,202\,302\,477\,648\,511\,515\,769\,672\,795\,048\,448\ t^{45}\ y +$
$4\,982\,686\,421\,329\,874\,745\,465\,201\,981\,396\,361\,722\,526\,817\,002\,538\,496\ t^{46}\ y -$
$10\,944\,824\,356\,026\,231\,435\,237\,525\,921\,444\,748\,899\,240\,040\,051\,654\,912\ t^{47}\ y +$
$21\,895\,123\,344\,437\,268\,847\,020\,113\,509\,472\,215\,121\,687\,163\,932\,898\,560\ t^{48}\ y -$
$38\,727\,327\,401\,383\,275\,331\,638\,869\,814\,222\,473\,414\,663\,090\,069\,907\,968\ t^{49}\ y +$
$56\,295\,815\,482\,118\,887\,917\,845\,779\,612\,452\,625\,215\,723\,219\,719\,315\,968\ t^{50}\ y -$
$50\,424\,937\,960\,980\,374\,194\,209\,531\,722\,076\,266\,443\,268\,255\,333\,729\,280\ t^{51}\ y -$
$50\,394\,868\,397\,517\,696\,135\,921\,963\,794\,697\,284\,491\,685\,761\,890\,824\,192\ t^{52}\ y +$
$418\,539\,015\,404\,642\,449\,357\,831\,874\,973\,317\,954\,829\,874\,083\,618\,887\,680\ t^{53}\ y -$
$1\,415\,221\,225\,610\,060\,539\,364\,266\,355\,385\,124\,563\,119\,372\,950\,919\,671\,808\ t^{54}\ y +$
$3\,712\,930\,774\,509\,937\,248\,174\,735\,942\,892\,356\,528\,460\,386\,348\,070\,072\,320\ t^{55}\ y -$

8 428 068 268 860 105 670 743 231 834 173 033 764 816 341 319 684 745 216 t^{56} y +
17 195 792 144 115 500 748 087 725 074 094 381 092 957 171 477 715 177 472 t^{57} y –
32 061 195 919 109 319 379 282 879 287 719 942 879 525 269 694 624 301 056 t^{58} y +
55 013 057 402 052 851 214 969 006 486 106 661 121 101 450 741 337 440 256 t^{59} y –
86 997 195 051 703 436 488 379 749 860 869 891 694 510 665 968 503 324 672 t^{60} y +
126 380 780 789 640 308 883 189 770 148 516 694 995 155 694 103 380 148 224 t^{61} y –
167 145 707 858 920 288 427 629 396 051 536 875 375 123 885 271 042 949 120 t^{62} y +
197 545 012 811 421 715 308 948 072 335 441 693 218 937 230 980 259 971 072 t^{63} y –
200 406 312 936 420 815 846 599 575 893 219 082 989 028 271 665 735 303 168 t^{64} y +
156 406 281 780 406 593 176 509 137 348 354 765 023 326 724 726 994 108 416 t^{65} y –
51 098 563 376 303 383 373 334 336 615 529 016 223 579 266 049 568 014 336 t^{66} y –
114 980 181 714 886 058 120 232 564 929 156 898 588 265 453 882 947 403 776 t^{67} y +
315 995 202 587 603 167 331 895 732 521 020 139 770 775 287 706 264 666 112 t^{68} y –
495 297 968 512 912 223 797 921 513 165 757 437 878 303 802 543 234 351 104 t^{69} y +
570 492 929 785 005 431 938 527 594 234 985 331 701 627 499 029 255 946 240 t^{70} y –
452 961 598 725 030 994 652 565 067 782 416 588 779 686 732 150 868 017 152 t^{71} y +
80 639 679 441 713 540 330 528 677 403 551 843 611 638 117 466 041 745 408 t^{72} y +
544 291 498 902 484 348 066 816 120 954 323 345 882 772 965 435 323 187 200 t^{73} y –
1 327 463 139 851 386 730 986 136 237 650 113 483 184 419 865 768 660 828 160 t^{74} y +
2 080 585 495 169 660 628 063 144 047 914 772 648 206 509 535 169 548 910 592 t^{75} y –
2 556 883 608 321 796 089 050 661 874 231 970 215 173 972 904 661 684 846 592 t^{76} y +
2 522 016 077 509 005 608 131 626 686 939 783 642 546 036 040 709 282 201 600 t^{77} y –
1 842 948 761 453 075 123 155 720 465 921 808 439 628 471 866 571 762 958 336 t^{78} y +
564 953 039 914 782 119 295 230 536 278 345 383 469 453 362 955 609 440 256 t^{79} y +
1 055 239 136 658 488 311 497 375 437 139 316 894 278 272 169 467 107 606 528 t^{80} y –
2 581 036 625 019 077 135 317 311 260 222 550 465 081 285 029 546 753 523 712 t^{81} y +
3 491 778 778 708 417 124 662 866 977 974 252 835 221 400 009 220 768 661 504 t^{82} y –
3 318 237 425 929 115 233 922 301 568 099 974 231 307 784 276 106 046 078 976 t^{83} y +
1 776 906 432 384 574 353 722 785 872 724 577 856 767 003 495 651 054 977 024 t^{84} y +
1 139 642 327 135 630 225 760 732 267 032 844 687 865 630 546 097 025 843 200 t^{85} y –
5 145 144 815 400 844 811 695 860 028 971 172 663 049 979 424 579 233 251 328 t^{86} y +
9 719 529 015 781 217 092 274 471 390 538 071 795 353 137 538 354 269 650 944 t^{87} y –
14 226 388 980 689 728 921 012 687 100 945 328 097 862 281 789 676 122 537 984 t^{88} y +
18 051 978 248 254 553 730 109 073 781 192 594 310 625 815 978 878 229 807 104 t^{89} y –
20 726 900 678 887 447 832 789 272 312 824 076 919 463 497 665 576 592 998 400 t^{90} y +
22 001 545 723 036 385 409 910 931 444 441 331 020 710 975 573 935 291 105 280 t^{91} y –
21 863 505 314 302 190 765 640 214 669 232 747 059 784 555 610 161 467 621 376 t^{92} y +
20 502 784 148 689 581 865 880 969 268 708 184 170 311 958 668 448 718 913 536 t^{93} y –
18 242 949 391 663 038 630 856 948 701 479 021 749 847 433 983 476 933 591 040 t^{94} y +
15 460 891 059 983 090 666 427 202 475 811 483 062 349 718 366 056 878 178 304 t^{95} y –
12 515 187 818 917 576 280 686 743 598 565 829 097 350 251 493 903 371 862 016 t^{96} y +
9 695 886 374 857 989 885 983 673 050 495 928 832 303 445 480 057 950 175 232 t^{97} y –
7 200 077 223 789 192 504 746 026 051 675 800 931 942 171 823 438 739 537 920 t^{98} y +

5 130 619 118 626 144 832 024 638 084 459 209 740 087 430 038 141 056 057 344 t^{99} y –

3 511 132 417 351 195 576 018 026 314 374 450 654 962 218 799 385 662 193 664 t^{100} y +

2 309 123 684 364 948 391 345 226 049 908 041 336 743 579 229 172 556 365 824 t^{101} y –

1 460 143 055 403 874 640 168 706 088 508 208 775 930 746 933 036 915 359 744 t^{102} y +

888 166 587 971 767 880 541 037 805 459 647 610 766 621 852 034 890 989 568 t^{103} y –

519 937 926 295 101 357 138 330 642 361 584 115 602 851 633 338 781 794 304 t^{104} y +

293 093 497 669 067 531 136 086 536 682 354 171 614 628 833 807 373 959 168 t^{105} y –

159 205 784 454 465 537 446 449 386 074 893 191 195 046 867 379 865 780 224 t^{106} y +

83 406 471 637 646 278 616 035 116 252 709 034 400 121 936 855 775 051 776 t^{107} y –

42 192 739 918 872 832 619 405 682 420 243 153 974 847 672 518 665 306 112 t^{108} y +

20 640 733 764 395 828 160 494 099 621 751 546 944 268 713 791 741 493 248 t^{109} y –

9 783 028 663 190 054 839 630 463 852 764 355 423 142 147 252 681 703 424 t^{110} y +

4 502 459 111 069 765 429 458 469 820 830 285 707 970 207 606 514 909 184 t^{111} y –

2 017 184 402 103 818 294 684 032 923 307 475 981 376 672 320 966 361 088 t^{112} y +

882 070 753 450 803 408 388 271 959 096 749 383 235 784 655 041 986 560 t^{113} y –

377 400 574 958 435 341 923 855 958 723 077 564 168 153 173 504 032 768 t^{114} y +

158 311 684 533 645 946 373 805 594 174 754 857 985 166 988 080 578 560 t^{115} y –

65 184 951 333 581 897 718 155 234 033 567 447 273 305 949 232 693 248 t^{116} y +

26 348 260 565 310 853 210 255 384 535 266 689 253 038 375 976 304 640 t^{117} y –

10 444 101 235 009 887 224 575 924 830 382 579 025 494 715 819 622 400 t^{118} y +

4 051 310 489 782 748 971 919 495 545 707 883 150 317 111 006 461 952 t^{119} y –

1 533 470 072 276 281 699 227 018 239 015 933 762 894 976 952 303 616 t^{120} y +

564 491 495 524 355 222 536 658 480 357 273 521 723 828 711 981 056 t^{121} y –

201 377 238 277 003 807 327 505 159 066 259 803 376 930 607 071 232 t^{122} y +

69 376 399 729 354 313 257 832 133 255 173 163 371 022 103 085 056 t^{123} y –

23 003 394 703 577 903 050 355 597 915 970 728 872 684 870 959 104 t^{124} y +

7 317 120 900 340 457 965 241 332 220 903 586 035 990 121 152 512 t^{125} y –

2 225 786 959 112 719 467 998 274 842 690 131 382 057 853 517 824 t^{126} y +

645 428 065 985 113 847 369 024 916 300 048 249 739 951 472 640 t^{127} y –

177 831 570 682 980 083 638 358 777 806 153 247 569 278 402 560 t^{128} y +

46 391 423 149 839 778 410 867 387 593 775 683 366 031 458 304 t^{129} y –

11 414 084 082 177 550 266 629 475 276 974 695 850 822 336 512 t^{130} y +

2 636 917 463 468 715 142 411 509 794 789 976 136 224 866 304 t^{131} y –

569 088 243 739 668 027 622 410 896 206 236 740 074 078 208 t^{132} y +

114 045 431 875 355 102 447 251 585 605 052 246 087 696 384 t^{133} y –

21 070 927 079 250 525 148 417 211 637 856 983 549 214 720 t^{134} y +

3 558 361 252 325 160 020 090 849 110 242 760 004 206 592 t^{135} y –

543 480 897 040 442 476 022 670 470 786 324 057 030 656 t^{136} y +

74 084 389 302 922 341 329 654 611 617 717 097 070 592 t^{137} y –

8 859 529 825 383 043 062 927 251 295 845 945 966 592 t^{138} y +

907 949 886 335 291 167 898 207 602 559 238 012 928 t^{139} y –

77 035 352 743 394 955 187 152 637 339 914 731 520 t^{140} y +

5 106 399 089 044 437 111 178 659 383 755 145 216 t^{141} y –

$233\,364\,526\,313\,320\,988\,011\,112\,163\,415\,425\,024\ t^{142}\ y +$
$4\,378\,291\,706\,840\,299\,488\,858\,592\,631\,586\,816\ t^{143}\ y +$
$257\,535\,784\,527\,763\,549\,523\,845\,482\,283\,008\ t^{144}\ y -$
$21\,703\,564\,768\,751\,286\,979\,531\,445\,895\,168\ t^{145}\ y +$
$534\,790\,096\,971\,284\,278\,756\,421\,664\,768\ t^{146}\ y - 87\,824\,507\,904\ t^{5}\ y^{2} + 4\,473\,249\,701\,760\ t^{6}\ y^{2} +$
$261\,788\,332\,613\,472\ t^{7}\ y^{2} - 40\,325\,875\,578\,471\,280\ t^{8}\ y^{2} + 2\,305\,769\,113\,398\,712\,808\ t^{9}\ y^{2} -$
$82\,778\,495\,915\,159\,827\,364\ t^{10}\ y^{2} + 2\,129\,609\,857\,140\,641\,055\,632\ t^{11}\ y^{2} -$
$41\,702\,859\,674\,034\,185\,437\,948\ t^{12}\ y^{2} + 641\,225\,988\,049\,321\,812\,338\,424\ t^{13}\ y^{2} -$
$7\,830\,586\,057\,873\,659\,377\,270\,260\ t^{14}\ y^{2} + 75\,060\,925\,799\,077\,283\,703\,973\,696\ t^{15}\ y^{2} -$
$530\,302\,925\,711\,442\,861\,437\,414\,552\ t^{16}\ y^{2} + 2\,034\,274\,438\,549\,167\,090\,231\,791\,864\ t^{17}\ y^{2} +$
$10\,412\,670\,243\,488\,453\,057\,432\,496\,552\ t^{18}\ y^{2} - 296\,125\,855\,314\,811\,669\,771\,780\,279\,512\ t^{19}\ y^{2} +$
$3\,482\,222\,780\,933\,859\,693\,541\,952\,699\,660\ t^{20}\ y^{2} -$
$29\,820\,830\,262\,554\,233\,314\,651\,494\,111\,664\ t^{21}\ y^{2} +$
$206\,381\,501\,670\,884\,682\,900\,900\,757\,929\,072\ t^{22}\ y^{2} -$
$1\,201\,243\,825\,448\,336\,875\,388\,954\,971\,257\,648\ t^{23}\ y^{2} +$
$6\,052\,113\,880\,963\,814\,083\,293\,187\,127\,116\,576\ t^{24}\ y^{2} -$
$27\,759\,249\,013\,464\,212\,933\,283\,920\,259\,287\,560\ t^{25}\ y^{2} +$
$129\,733\,225\,897\,518\,182\,059\,480\,942\,166\,095\,036\ t^{26}\ y^{2} -$
$718\,602\,139\,407\,701\,223\,392\,191\,510\,339\,056\,176\ t^{27}\ y^{2} +$
$4\,795\,032\,864\,499\,956\,960\,863\,350\,017\,381\,247\,916\ t^{28}\ y^{2} -$
$33\,650\,366\,677\,957\,741\,156\,770\,409\,919\,116\,722\,536\ t^{29}\ y^{2} +$
$222\,706\,827\,514\,484\,757\,136\,438\,111\,569\,329\,274\,988\ t^{30}\ y^{2} -$
$1\,335\,377\,066\,788\,464\,116\,386\,114\,935\,032\,440\,665\,616\ t^{31}\ y^{2} +$
$7\,205\,118\,462\,051\,355\,274\,859\,610\,634\,731\,979\,998\,168\ t^{32}\ y^{2} -$
$35\,104\,010\,020\,422\,531\,333\,965\,295\,287\,464\,331\,403\,800\ t^{33}\ y^{2} +$
$155\,268\,148\,607\,194\,823\,833\,835\,642\,248\,123\,059\,431\,600\ t^{34}\ y^{2} -$
$626\,388\,291\,881\,914\,250\,804\,898\,014\,252\,117\,874\,671\,880\ t^{35}\ y^{2} +$
$2\,312\,275\,539\,043\,639\,123\,622\,862\,786\,468\,928\,562\,803\,876\ t^{36}\ y^{2} -$
$7\,822\,274\,350\,501\,757\,835\,487\,509\,448\,765\,187\,572\,143\,264\ t^{37}\ y^{2} +$
$24\,240\,289\,659\,299\,939\,030\,848\,591\,172\,778\,491\,186\,164\,920\ t^{38}\ y^{2} -$
$68\,609\,614\,673\,232\,184\,370\,762\,681\,360\,067\,289\,927\,120\,160\ t^{39}\ y^{2} +$
$176\,201\,784\,969\,939\,968\,772\,451\,312\,932\,924\,293\,373\,931\,696\ t^{40}\ y^{2} -$
$405\,308\,183\,928\,404\,500\,175\,639\,106\,283\,778\,212\,419\,761\,280\ t^{41}\ y^{2} +$
$813\,427\,987\,476\,186\,815\,142\,621\,059\,232\,728\,688\,398\,514\,416\ t^{42}\ y^{2} -$
$1\,338\,996\,689\,268\,337\,069\,288\,044\,368\,942\,543\,618\,917\,197\,760\ t^{43}\ y^{2} +$
$1\,461\,958\,961\,479\,489\,137\,200\,621\,914\,832\,190\,055\,501\,686\,336\ t^{44}\ y^{2} +$
$515\,312\,532\,617\,167\,269\,051\,979\,483\,146\,103\,460\,209\,306\,496\ t^{45}\ y^{2} -$
$8\,564\,313\,332\,922\,364\,276\,508\,824\,687\,405\,276\,408\,699\,219\,904\ t^{46}\ y^{2} +$
$29\,696\,855\,956\,566\,875\,553\,325\,863\,550\,856\,665\,878\,084\,821\,504\ t^{47}\ y^{2} -$
$71\,931\,222\,716\,000\,768\,593\,055\,619\,109\,281\,713\,578\,955\,448\,832\ t^{48}\ y^{2} +$
$133\,805\,683\,353\,747\,833\,799\,009\,428\,127\,906\,254\,899\,678\,813\,696\ t^{49}\ y^{2} -$
$175\,813\,686\,640\,277\,667\,047\,873\,927\,378\,599\,746\,799\,728\,308\,992\ t^{50}\ y^{2} +$
$62\,267\,059\,972\,419\,593\,449\,548\,378\,583\,041\,632\,580\,986\,455\,040\ t^{51}\ y^{2} +$

$531\,574\,299\,287\,107\,952\,269\,236\,979\,459\,002\,540\,200\,281\,449\,472\ t^{52}\,y^2 -$

$2\,229\,705\,885\,393\,290\,384\,038\,109\,461\,507\,772\,068\,903\,172\,243\,456\ t^{53}\,y^2 +$

$6\,022\,424\,209\,895\,609\,195\,487\,548\,841\,729\,179\,614\,112\,405\,110\,784\ t^{54}\,y^2 -$

$13\,175\,931\,378\,094\,384\,040\,867\,991\,830\,580\,431\,375\,764\,325\,171\,200\ t^{55}\,y^2 +$

$24\,839\,942\,064\,741\,053\,498\,255\,914\,163\,151\,311\,015\,931\,153\,883\,136\ t^{56}\,y^2 -$

$41\,259\,191\,878\,425\,641\,043\,100\,177\,404\,186\,462\,632\,902\,214\,344\,704\ t^{57}\,y^2 +$

$60\,679\,575\,798\,687\,797\,232\,010\,197\,372\,292\,635\,746\,699\,663\,716\,352\ t^{58}\,y^2 -$

$78\,354\,883\,717\,715\,177\,862\,094\,095\,634\,713\,812\,338\,541\,102\,661\,632\ t^{59}\,y^2 +$

$86\,386\,849\,656\,078\,700\,157\,983\,903\,118\,510\,248\,071\,309\,183\,926\,272\ t^{60}\,y^2 -$

$75\,227\,879\,867\,739\,710\,599\,296\,494\,029\,138\,926\,780\,839\,781\,924\,864\ t^{61}\,y^2 +$

$37\,273\,675\,864\,108\,168\,036\,091\,113\,277\,011\,296\,527\,503\,663\,185\,920\ t^{62}\,y^2 +$

$28\,024\,114\,177\,651\,453\,019\,762\,407\,578\,488\,206\,808\,019\,354\,648\,576\ t^{63}\,y^2 -$

$109\,404\,701\,407\,738\,687\,685\,294\,295\,305\,246\,159\,067\,279\,066\,202\,112\ t^{64}\,y^2 +$

$182\,208\,753\,790\,198\,320\,331\,939\,623\,115\,516\,472\,150\,658\,282\,946\,560\ t^{65}\,y^2 -$

$212\,459\,850\,091\,775\,097\,133\,926\,237\,387\,857\,471\,722\,014\,723\,407\,872\ t^{66}\,y^2 +$

$167\,167\,961\,123\,925\,309\,648\,058\,230\,287\,576\,585\,723\,637\,971\,288\,064\ t^{67}\,y^2 -$

$28\,265\,245\,551\,513\,328\,088\,793\,832\,178\,808\,500\,056\,128\,061\,702\,144\ t^{68}\,y^2 -$

$195\,296\,217\,627\,230\,583\,972\,148\,781\,910\,074\,933\,792\,051\,635\,945\,472\ t^{69}\,y^2 +$

$463\,576\,249\,638\,402\,884\,956\,901\,584\,528\,821\,208\,691\,124\,460\,847\,104\ t^{70}\,y^2 -$

$713\,782\,741\,886\,520\,430\,077\,462\,767\,109\,296\,814\,216\,205\,019\,643\,904\ t^{71}\,y^2 +$

$879\,561\,992\,952\,378\,803\,926\,845\,642\,723\,493\,196\,101\,890\,305\,163\,264\ t^{72}\,y^2 -$

$915\,117\,636\,573\,974\,449\,383\,307\,899\,017\,102\,087\,747\,577\,780\,895\,744\ t^{73}\,y^2 +$

$814\,760\,119\,633\,702\,608\,129\,370\,399\,731\,522\,360\,937\,887\,187\,337\,216\ t^{74}\,y^2 -$

$619\,519\,799\,193\,856\,832\,550\,784\,439\,681\,598\,369\,389\,324\,175\,147\,008\ t^{75}\,y^2 +$

$407\,340\,300\,179\,253\,262\,219\,958\,387\,177\,769\,402\,085\,172\,653\,850\,624\ t^{76}\,y^2 -$

$269\,879\,902\,072\,200\,722\,463\,205\,486\,329\,423\,557\,988\,077\,950\,468\,096\ t^{77}\,y^2 +$

$284\,105\,695\,211\,810\,143\,398\,182\,714\,057\,859\,502\,018\,276\,802\,691\,072\ t^{78}\,y^2 -$

$488\,507\,285\,185\,224\,156\,294\,253\,902\,481\,086\,754\,155\,041\,325\,580\,288\ t^{79}\,y^2 +$

$871\,526\,895\,258\,989\,677\,984\,247\,337\,255\,651\,517\,567\,341\,162\,397\,696\ t^{80}\,y^2 -$

$1\,375\,055\,279\,192\,351\,811\,863\,761\,404\,480\,092\,286\,222\,345\,730\,785\,280\ t^{81}\,y^2 +$

$1\,910\,720\,064\,277\,010\,987\,002\,310\,490\,244\,704\,964\,651\,296\,978\,108\,416\ t^{82}\,y^2 -$

$2\,383\,047\,465\,993\,318\,748\,781\,345\,970\,136\,974\,373\,067\,281\,154\,441\,216\ t^{83}\,y^2 +$

$2\,712\,326\,803\,477\,125\,330\,432\,957\,152\,990\,604\,917\,864\,004\,583\,424\,000\ t^{84}\,y^2 -$

$2\,851\,076\,264\,529\,648\,114\,565\,452\,050\,610\,728\,083\,221\,744\,799\,711\,232\ t^{85}\,y^2 +$

$2\,790\,654\,013\,747\,044\,236\,477\,383\,027\,430\,328\,400\,191\,117\,152\,223\,232\ t^{86}\,y^2 -$

$2\,557\,761\,807\,348\,407\,134\,546\,124\,584\,960\,081\,558\,214\,224\,927\,260\,672\ t^{87}\,y^2 +$

$2\,203\,364\,666\,694\,724\,015\,747\,095\,622\,447\,866\,877\,646\,217\,362\,276\,352\ t^{88}\,y^2 -$

$1\,788\,173\,176\,342\,832\,268\,882\,987\,263\,588\,037\,851\,483\,546\,614\,497\,280\ t^{89}\,y^2 +$

$1\,368\,996\,489\,559\,066\,157\,493\,974\,852\,128\,597\,380\,656\,796\,752\,936\,960\ t^{90}\,y^2 -$

$989\,151\,694\,280\,061\,175\,989\,417\,130\,465\,498\,779\,593\,137\,882\,923\,008\ t^{91}\,y^2 +$

$674\,283\,287\,318\,110\,729\,695\,121\,104\,562\,806\,456\,804\,700\,481\,126\,400\ t^{92}\,y^2 -$

$433\,132\,867\,735\,025\,086\,610\,858\,195\,171\,466\,328\,074\,939\,759\,853\,568\ t^{93}\,y^2 +$

$261\,588\,886\,445\,083\,056\,677\,331\,675\,337\,603\,435\,106\,917\,549\,080\,576\ t^{94}\,y^2 -$

$147\,979\,643\,573\,625\,423\,868\,179\,135\,152\,217\,665\,502\,578\,930\,089\,984\ t^{95}\ y^2 +$
$77\,926\,045\,356\,309\,078\,862\,085\,730\,901\,080\,987\,769\,130\,870\,374\,400\ t^{96}\ y^2 -$
$37\,798\,773\,477\,328\,519\,276\,448\,063\,825\,863\,909\,267\,230\,993\,416\,192\ t^{97}\ y^2 +$
$16\,561\,050\,627\,134\,448\,264\,215\,379\,289\,251\,011\,861\,167\,900\,459\,008\ t^{98}\ y^2 -$
$6\,284\,159\,436\,260\,774\,057\,832\,392\,866\,531\,733\,252\,742\,148\,259\,840\ t^{99}\ y^2 +$
$1\,831\,889\,741\,682\,296\,747\,127\,437\,289\,863\,631\,097\,764\,478\,189\,568\ t^{100}\ y^2 -$
$185\,452\,949\,845\,062\,861\,101\,986\,344\,575\,377\,236\,104\,369\,405\,952\ t^{101}\ y^2 -$
$263\,164\,094\,573\,957\,105\,248\,148\,332\,439\,204\,749\,505\,512\,603\,648\ t^{102}\ y^2 +$
$282\,893\,790\,849\,682\,540\,855\,745\,744\,867\,174\,958\,936\,130\,322\,432\ t^{103}\ y^2 -$
$195\,786\,764\,585\,689\,271\,962\,029\,058\,223\,627\,032\,712\,089\,436\,160\ t^{104}\ y^2 +$
$112\,553\,554\,010\,458\,214\,832\,815\,056\,795\,352\,128\,509\,070\,802\,944\ t^{105}\ y^2 -$
$57\,541\,422\,316\,299\,827\,009\,872\,592\,678\,302\,702\,030\,272\,069\,632\ t^{106}\ y^2 +$
$26\,912\,921\,865\,432\,198\,343\,588\,641\,554\,432\,859\,857\,284\,497\,408\ t^{107}\ y^2 -$
$11\,682\,770\,298\,758\,999\,684\,395\,249\,514\,297\,006\,769\,578\,180\,608\ t^{108}\ y^2 +$
$4\,745\,285\,946\,740\,929\,568\,279\,886\,277\,186\,201\,280\,216\,825\,856\ t^{109}\ y^2 -$
$1\,812\,198\,053\,491\,336\,572\,891\,244\,650\,322\,164\,779\,891\,818\,496\ t^{110}\ y^2 +$
$652\,555\,039\,085\,974\,241\,525\,493\,931\,077\,985\,531\,257\,159\,680\ t^{111}\ y^2 -$
$221\,907\,226\,005\,018\,205\,185\,780\,441\,944\,994\,890\,926\,522\,368\ t^{112}\ y^2 +$
$71\,306\,162\,238\,024\,735\,352\,554\,526\,241\,325\,952\,373\,096\,448\ t^{113}\ y^2 -$
$21\,647\,441\,438\,726\,453\,945\,702\,691\,557\,076\,393\,869\,180\,928\ t^{114}\ y^2 +$
$6\,203\,483\,187\,272\,880\,331\,320\,861\,461\,110\,923\,305\,418\,752\ t^{115}\ y^2 -$
$1\,675\,538\,293\,244\,236\,616\,689\,207\,752\,957\,001\,029\,648\,384\ t^{116}\ y^2 +$
$425\,605\,541\,001\,204\,168\,879\,198\,321\,027\,495\,246\,168\,064\ t^{117}\ y^2 -$
$101\,370\,719\,549\,926\,951\,129\,133\,787\,411\,761\,822\,957\,568\ t^{118}\ y^2 +$
$22\,553\,303\,472\,499\,102\,771\,387\,149\,855\,506\,791\,661\,568\ t^{119}\ y^2 -$
$4\,664\,293\,433\,874\,893\,960\,563\,107\,625\,562\,978\,385\,920\ t^{120}\ y^2 +$
$891\,178\,219\,865\,912\,745\,659\,988\,589\,944\,156\,192\,768\ t^{121}\ y^2 -$
$156\,085\,556\,899\,619\,557\,772\,869\,539\,329\,705\,246\,720\ t^{122}\ y^2 +$
$24\,812\,869\,769\,962\,049\,791\,239\,432\,637\,123\,657\,728\ t^{123}\ y^2 -$
$3\,534\,787\,737\,067\,135\,713\,484\,565\,299\,599\,507\,456\ t^{124}\ y^2 +$
$443\,717\,962\,184\,083\,506\,808\,245\,161\,497\,198\,592\ t^{125}\ y^2 -$
$47\,956\,935\,199\,117\,656\,185\,086\,752\,940\,097\,536\ t^{126}\ y^2 +$
$4\,312\,862\,144\,830\,167\,620\,640\,092\,704\,473\,088\ t^{127}\ y^2 -$
$304\,863\,228\,984\,259\,543\,212\,123\,901\,394\,944\ t^{128}\ y^2 +$
$15\,011\,412\,579\,896\,485\,054\,952\,463\,400\,960\ t^{129}\ y^2 -$
$320\,382\,588\,280\,272\,171\,241\,457\,057\,792\ t^{130}\ y^2 - 17\,046\,458\,519\,476\,078\,677\,944\,434\,688\ t^{131}\ y^2 +$
$1\,622\,982\,912\,832\,639\,667\,043\,041\,280\ t^{132}\ y^2 - 43\,521\,329\,506\,126\,650\,289\,422\,336\ t^{133}\ y^2 -$
$4\,779\,565\,056\ t^8\ y^3 + 85\,433\,370\,624\ t^9\ y^3 + 12\,626\,315\,453\,696\ t^{10}\ y^3 -$
$1\,276\,363\,114\,351\,808\ t^{11}\ y^3 + 64\,785\,343\,033\,834\,496\ t^{12}\ y^3 - 2\,142\,675\,315\,675\,063\,504\ t^{13}\ y^3 +$
$50\,469\,442\,101\,513\,377\,152\ t^{14}\ y^3 - 888\,762\,246\,688\,020\,395\,840\ t^{15}\ y^3 +$
$11\,998\,711\,646\,699\,195\,408\,192\ t^{16}\ y^3 - 124\,448\,796\,776\,226\,115\,884\,960\ t^{17}\ y^3 +$
$955\,655\,689\,644\,730\,685\,008\,576\ t^{18}\ y^3 - 4\,594\,945\,448\,390\,855\,945\,521\,872\ t^{19}\ y^3 -$
$1\,339\,325\,022\,235\,024\,392\,980\,464\ t^{20}\ y^3 + 285\,710\,068\,571\,540\,466\,379\,037\,472\ t^{21}\ y^3 -$

$3\,243\,225\,307\,173\,573\,659\,698\,079\,776\ t^{22}\,y^3 + 21\,407\,317\,260\,380\,268\,061\,042\,531\,680\ t^{23}\,y^3 -$
$69\,790\,402\,642\,377\,715\,897\,685\,152\,960\ t^{24}\,y^3 - 332\,680\,559\,748\,175\,655\,463\,967\,825\,536\ t^{25}\,y^3 +$
$7\,602\,786\,041\,032\,936\,540\,925\,597\,886\,976\ t^{26}\,y^3 -$
$74\,929\,404\,868\,284\,068\,192\,357\,906\,577\,472\ t^{27}\,y^3 +$
$547\,654\,697\,015\,817\,500\,018\,357\,756\,167\,200\ t^{28}\,y^3 -$
$3\,305\,717\,507\,378\,198\,130\,291\,165\,826\,128\,752\ t^{29}\,y^3 +$
$17\,187\,077\,438\,819\,704\,448\,033\,412\,072\,216\,192\ t^{30}\,y^3 -$
$78\,607\,937\,121\,035\,737\,317\,866\,855\,883\,000\,544\ t^{31}\,y^3 +$
$320\,021\,603\,128\,947\,692\,609\,530\,165\,629\,062\,816\ t^{32}\,y^3 -$
$1\,167\,528\,733\,550\,239\,703\,643\,244\,726\,058\,536\,736\ t^{33}\,y^3 +$
$3\,830\,456\,680\,311\,763\,873\,472\,165\,325\,314\,999\,744\ t^{34}\,y^3 -$
$11\,313\,997\,363\,968\,507\,902\,375\,893\,448\,710\,621\,232\ t^{35}\,y^3 +$
$30\,063\,775\,286\,323\,045\,416\,694\,956\,302\,774\,252\,176\ t^{36}\,y^3 -$
$71\,724\,521\,139\,735\,566\,218\,817\,249\,243\,341\,817\,248\ t^{37}\,y^3 +$
$153\,366\,305\,241\,313\,895\,839\,973\,359\,595\,538\,226\,976\ t^{38}\,y^3 -$
$294\,791\,059\,524\,290\,397\,163\,506\,767\,824\,580\,036\,672\ t^{39}\,y^3 +$
$519\,705\,308\,999\,349\,468\,225\,968\,533\,370\,133\,694\,624\ t^{40}\,y^3 -$
$895\,558\,051\,869\,076\,482\,673\,900\,322\,051\,620\,502\,016\ t^{41}\,y^3 +$
$1\,700\,899\,422\,687\,830\,007\,397\,458\,973\,261\,191\,011\,968\ t^{42}\,y^3 -$
$3\,851\,710\,023\,733\,489\,632\,042\,461\,715\,856\,021\,778\,944\ t^{43}\,y^3 +$
$9\,602\,109\,390\,409\,668\,564\,260\,271\,011\,373\,725\,933\,184\ t^{44}\,y^3 -$
$22\,964\,604\,547\,157\,078\,371\,934\,059\,628\,076\,445\,000\,448\ t^{45}\,y^3 +$
$47\,962\,443\,489\,301\,408\,681\,120\,725\,036\,642\,799\,981\,056\ t^{46}\,y^3 -$
$80\,899\,491\,670\,713\,241\,701\,600\,427\,327\,680\,787\,281\,920\ t^{47}\,y^3 +$
$91\,746\,450\,855\,699\,102\,281\,799\,853\,717\,908\,694\,565\,376\ t^{48}\,y^3 +$
$7\,369\,044\,122\,993\,021\,969\,250\,835\,631\,681\,407\,470\,592\ t^{49}\,y^3 -$
$398\,142\,066\,883\,992\,224\,793\,860\,409\,869\,930\,439\,798\,784\ t^{50}\,y^3 +$
$1\,370\,110\,027\,266\,451\,784\,859\,171\,623\,363\,404\,025\,999\,360\ t^{51}\,y^3 -$
$3\,269\,696\,772\,348\,226\,294\,797\,910\,983\,318\,225\,170\,061\,312\ t^{52}\,y^3 +$
$6\,345\,709\,303\,869\,766\,906\,049\,233\,998\,911\,031\,885\,815\,808\ t^{53}\,y^3 -$
$10\,499\,145\,263\,860\,718\,922\,700\,816\,157\,179\,375\,725\,445\,120\ t^{54}\,y^3 +$
$15\,034\,082\,226\,300\,356\,304\,261\,608\,869\,655\,146\,151\,723\,008\ t^{55}\,y^3 -$
$18\,595\,907\,117\,539\,090\,145\,871\,471\,082\,234\,322\,404\,261\,888\ t^{56}\,y^3 +$
$19\,492\,087\,049\,713\,851\,040\,169\,009\,262\,722\,248\,202\,420\,224\ t^{57}\,y^3 -$
$16\,446\,385\,573\,507\,736\,042\,112\,562\,163\,107\,384\,009\,555\,968\ t^{58}\,y^3 +$
$9\,552\,652\,425\,237\,106\,635\,024\,237\,305\,256\,661\,171\,568\,640\ t^{59}\,y^3 -$
$914\,617\,749\,811\,469\,985\,056\,206\,342\,042\,856\,200\,077\,312\ t^{60}\,y^3 -$
$5\,588\,540\,597\,309\,275\,775\,644\,085\,278\,947\,833\,199\,067\,136\ t^{61}\,y^3 +$
$5\,630\,819\,502\,828\,429\,556\,762\,457\,114\,281\,635\,024\,732\,160\ t^{62}\,y^3 +$
$3\,556\,616\,846\,212\,634\,059\,225\,031\,313\,623\,364\,036\,722\,688\ t^{63}\,y^3 -$
$21\,502\,778\,293\,494\,757\,707\,202\,304\,608\,900\,517\,245\,747\,200\ t^{64}\,y^3 +$
$44\,211\,796\,436\,745\,803\,110\,254\,245\,103\,219\,967\,013\,683\,200\ t^{65}\,y^3 -$
$65\,738\,887\,516\,960\,019\,908\,562\,451\,417\,925\,978\,155\,384\,832\ t^{66}\,y^3 +$

$81\,046\,890\,899\,367\,025\,297\,510\,664\,406\,783\,506\,129\,092\,608\ t^{67}\ y^3 -$
$88\,706\,022\,248\,044\,622\,460\,784\,491\,032\,473\,734\,074\,073\,088\ t^{68}\ y^3 +$
$91\,914\,109\,222\,079\,309\,991\,999\,275\,045\,958\,209\,834\,582\,016\ t^{69}\ y^3 -$
$97\,135\,218\,497\,552\,904\,414\,617\,831\,979\,020\,393\,537\,077\,248\ t^{70}\ y^3 +$
$110\,936\,223\,629\,499\,915\,504\,051\,920\,712\,045\,078\,180\,265\,984\ t^{71}\ y^3 -$
$136\,590\,280\,494\,076\,789\,827\,442\,762\,905\,853\,267\,101\,614\,080\ t^{72}\ y^3 +$
$172\,137\,748\,474\,090\,770\,225\,147\,062\,444\,727\,565\,507\,624\,960\ t^{73}\ y^3 -$
$210\,809\,038\,507\,770\,975\,783\,677\,697\,805\,697\,373\,670\,735\,872\ t^{74}\ y^3 +$
$243\,509\,762\,507\,747\,115\,313\,124\,729\,874\,259\,385\,591\,529\,472\ t^{75}\ y^3 -$
$262\,126\,972\,273\,079\,053\,048\,992\,366\,786\,656\,986\,988\,544\,000\ t^{76}\ y^3 +$
$262\,190\,633\,534\,587\,220\,171\,401\,203\,022\,894\,416\,672\,063\,488\ t^{77}\ y^3 -$
$243\,921\,012\,597\,222\,158\,740\,753\,253\,977\,872\,628\,101\,152\,768\ t^{78}\ y^3 +$
$211\,539\,261\,128\,817\,003\,412\,807\,573\,556\,317\,885\,221\,044\,224\ t^{79}\ y^3 -$
$171\,442\,287\,142\,760\,023\,670\,977\,921\,191\,634\,320\,675\,045\,376\ t^{80}\ y^3 +$
$130\,140\,075\,704\,123\,134\,625\,493\,537\,979\,608\,925\,380\,542\,464\ t^{81}\ y^3 -$
$92\,702\,683\,108\,861\,047\,254\,174\,517\,006\,300\,292\,296\,212\,480\ t^{82}\ y^3 +$
$62\,059\,712\,067\,146\,363\,030\,976\,728\,852\,679\,298\,721\,513\,472\ t^{83}\ y^3 -$
$39\,087\,717\,697\,592\,321\,968\,310\,933\,516\,023\,379\,297\,042\,432\ t^{84}\ y^3 +$
$23\,179\,124\,236\,290\,179\,119\,917\,867\,027\,256\,256\,896\,172\,032\ t^{85}\ y^3 -$
$12\,945\,994\,605\,966\,092\,768\,396\,321\,010\,409\,095\,305\,363\,456\ t^{86}\ y^3 +$
$6\,810\,150\,947\,965\,645\,899\,084\,284\,568\,140\,438\,940\,155\,904\ t^{87}\ y^3 -$
$3\,372\,927\,748\,864\,993\,122\,063\,746\,183\,084\,741\,874\,417\,664\ t^{88}\ y^3 +$
$1\,571\,706\,963\,434\,788\,385\,088\,315\,934\,133\,210\,889\,322\,496\ t^{89}\ y^3 -$
$688\,277\,045\,588\,820\,175\,107\,616\,484\,030\,513\,397\,366\,784\ t^{90}\ y^3 +$
$282\,815\,685\,688\,322\,448\,069\,428\,094\,392\,916\,808\,564\,736\ t^{91}\ y^3 -$
$108\,815\,720\,625\,916\,573\,847\,252\,192\,612\,884\,657\,733\,632\ t^{92}\ y^3 +$
$39\,098\,359\,558\,090\,938\,310\,098\,288\,334\,586\,486\,194\,176\ t^{93}\ y^3 -$
$13\,073\,555\,606\,848\,032\,514\,021\,297\,102\,078\,441\,684\,992\ t^{94}\ y^3 +$
$4\,049\,767\,985\,550\,666\,106\,033\,743\,600\,279\,523\,164\,160\ t^{95}\ y^3 -$
$1\,155\,190\,759\,554\,864\,478\,267\,811\,403\,561\,756\,000\,256\ t^{96}\ y^3 +$
$300\,933\,040\,614\,156\,572\,312\,198\,265\,311\,187\,697\,664\ t^{97}\ y^3 -$
$70\,740\,822\,002\,144\,060\,714\,115\,159\,519\,655\,886\,848\ t^{98}\ y^3 +$
$14\,725\,855\,428\,465\,186\,431\,336\,596\,528\,424\,812\,544\ t^{99}\ y^3 -$
$2\,625\,165\,330\,204\,829\,658\,692\,981\,588\,204\,978\,176\ t^{100}\ y^3 +$
$372\,227\,992\,995\,300\,156\,323\,583\,843\,662\,561\,280\ t^{101}\ y^3 -$
$32\,472\,431\,378\,997\,563\,265\,264\,578\,415\,558\,656\ t^{102}\ y^3 -$
$1\,836\,718\,559\,708\,229\,996\,289\,851\,199\,062\,016\ t^{103}\ y^3 +$
$1\,527\,812\,661\,735\,415\,335\,628\,832\,650\,559\,488\ t^{104}\ y^3 -$
$381\,195\,781\,431\,314\,789\,645\,649\,065\,279\,488\ t^{105}\ y^3 +$
$63\,119\,350\,098\,419\,001\,720\,040\,316\,731\,392\ t^{106}\ y^3 -$
$7\,203\,936\,262\,849\,600\,323\,623\,443\,234\,816\ t^{107}\ y^3 +$
$441\,560\,347\,742\,415\,095\,705\,217\,531\,904\ t^{108}\ y^3 + 22\,659\,968\,626\,910\,742\,581\,656\,682\,496\ t^{109}\ y^3 -$
$9\,630\,923\,546\,239\,809\,520\,243\,048\,448\ t^{110}\ y^3 + 1\,278\,266\,254\,367\,359\,878\,027\,018\,240\ t^{111}\ y^3 -$

$98\,247\,368\,159\,949\,108\,761\,591\,808\ t^{112}\ y^3 + 4\,159\,371\,853\,740\,029\,698\,375\,680\ t^{113}\ y^3 -$
$52\,462\,540\,145\,629\,964\,795\,904\ t^{114}\ y^3 - 1\,770\,887\,431\,076\,116\,955\,136\ t^{115}\ y^3 +$
$298\,722\,816\ t^{10}\ y^4 + 13\,824\,961\,920\ t^{11}\ y^4 + 535\,775\,076\,496\ t^{12}\ y^4 - 78\,817\,665\,253\,760\ t^{13}\ y^4 +$
$2\,873\,400\,162\,785\,232\ t^{14}\ y^4 - 57\,620\,999\,270\,336\,352\ t^{15}\ y^4 + 733\,495\,720\,327\,502\,912\ t^{16}\ y^4 -$
$5\,801\,843\,775\,102\,568\,896\ t^{17}\ y^4 + 17\,599\,238\,343\,227\,163\,600\ t^{18}\ y^4 +$
$223\,381\,081\,320\,639\,305\,184\ t^{19}\ y^4 - 4\,005\,278\,376\,214\,721\,150\,848\ t^{20}\ y^4 +$
$33\,315\,906\,756\,689\,700\,709\,088\ t^{21}\ y^4 - 149\,010\,300\,955\,577\,399\,717\,840\ t^{22}\ y^4 -$
$139\,988\,289\,214\,273\,191\,085\,600\ t^{23}\ y^4 + 9\,442\,065\,593\,673\,266\,945\,035\,776\ t^{24}\ y^4 -$
$102\,866\,269\,015\,865\,795\,469\,175\,936\ t^{25}\ y^4 + 767\,319\,751\,651\,659\,968\,265\,946\,368\ t^{26}\ y^4 -$
$4\,586\,595\,128\,170\,213\,762\,437\,722\,272\ t^{27}\ y^4 + 23\,275\,398\,504\,152\,718\,546\,541\,553\,616\ t^{28}\ y^4 -$
$103\,367\,192\,032\,084\,123\,566\,966\,383\,808\ t^{29}\ y^4 + 409\,629\,937\,838\,796\,488\,961\,689\,013\,136\ t^{30}\ y^4 -$
$1\,468\,666\,836\,943\,021\,027\,281\,472\,726\,272\ t^{31}\ y^4 +$
$4\,811\,276\,789\,848\,282\,530\,453\,360\,953\,984\ t^{32}\ y^4 -$
$14\,487\,869\,061\,854\,714\,978\,181\,590\,685\,888\ t^{33}\ y^4 +$
$40\,156\,444\,968\,455\,771\,314\,476\,611\,192\,240\ t^{34}\ y^4 -$
$101\,995\,068\,252\,237\,390\,666\,202\,777\,214\,400\ t^{35}\ y^4 +$
$234\,504\,367\,297\,002\,526\,495\,796\,208\,486\,112\ t^{36}\ y^4 -$
$476\,167\,074\,734\,494\,594\,475\,037\,163\,197\,472\ t^{37}\ y^4 +$
$810\,882\,989\,589\,924\,737\,975\,508\,816\,936\,240\ t^{38}\ y^4 -$
$1\,002\,091\,067\,141\,831\,299\,165\,091\,142\,540\,416\ t^{39}\ y^4 +$
$272\,580\,068\,926\,304\,442\,265\,035\,495\,971\,968\ t^{40}\ y^4 +$
$3\,072\,484\,813\,841\,610\,164\,019\,714\,555\,888\,000\ t^{41}\ y^4 -$
$11\,589\,951\,905\,905\,845\,926\,269\,825\,612\,370\,752\ t^{42}\ y^4 +$
$27\,109\,223\,484\,835\,465\,872\,524\,811\,389\,519\,616\ t^{43}\ y^4 -$
$46\,121\,831\,800\,961\,130\,990\,745\,866\,381\,699\,584\ t^{44}\ y^4 +$
$51\,504\,976\,847\,988\,130\,981\,467\,327\,973\,082\,112\ t^{45}\ y^4 -$
$3\,060\,410\,683\,445\,846\,464\,618\,591\,814\,868\,992\ t^{46}\ y^4 -$
$165\,552\,288\,115\,516\,728\,369\,199\,201\,501\,182\,976\ t^{47}\ y^4 +$
$532\,114\,153\,871\,580\,023\,374\,946\,691\,013\,519\,360\ t^{48}\ y^4 -$
$1\,145\,414\,330\,059\,992\,039\,450\,530\,491\,831\,820\,288\ t^{49}\ y^4 +$
$1\,966\,096\,684\,870\,845\,586\,323\,642\,386\,369\,220\,608\ t^{50}\ y^4 -$
$2\,818\,420\,086\,004\,904\,583\,788\,802\,944\,346\,718\,208\ t^{51}\ y^4 +$
$3\,397\,484\,494\,883\,475\,596\,819\,127\,851\,655\,790\,592\ t^{52}\ y^4 -$
$3\,364\,190\,764\,372\,323\,471\,663\,175\,035\,350\,425\,600\ t^{53}\ y^4 +$
$2\,514\,262\,240\,398\,153\,523\,260\,640\,088\,968\,142\,848\ t^{54}\ y^4 -$
$948\,747\,190\,724\,249\,042\,726\,193\,169\,806\,901\,248\ t^{55}\ y^4 -$
$856\,701\,376\,999\,736\,726\,992\,156\,901\,475\,549\,184\ t^{56}\ y^4 +$
$2\,154\,364\,513\,237\,628\,994\,641\,783\,817\,210\,265\,600\ t^{57}\ y^4 -$
$2\,181\,889\,640\,718\,132\,398\,442\,081\,472\,133\,103\,616\ t^{58}\ y^4 +$
$465\,901\,676\,330\,131\,156\,849\,261\,948\,240\,068\,608\ t^{59}\ y^4 +$
$2\,971\,498\,401\,211\,113\,317\,823\,284\,403\,990\,888\,448\ t^{60}\ y^4 -$
$7\,599\,077\,196\,459\,355\,445\,762\,602\,722\,903\,195\,648\ t^{61}\ y^4 +$
$12\,552\,824\,160\,948\,401\,134\,165\,869\,372\,387\,819\,520\ t^{62}\ y^4 -$

$16\,912\,234\,321\,616\,512\,480\,035\,364\,190\,112\,186\,368\ t^{63}\ y^4 +$
$19\,957\,478\,464\,958\,434\,381\,945\,456\,467\,521\,306\,624\ t^{64}\ y^4 -$
$21\,320\,948\,522\,795\,542\,467\,556\,880\,653\,741\,981\,696\ t^{65}\ y^4 +$
$21\,008\,321\,094\,512\,759\,860\,630\,876\,355\,153\,100\,800\ t^{66}\ y^4 -$
$19\,317\,205\,064\,684\,613\,853\,660\,407\,715\,866\,869\,760\ t^{67}\ y^4 +$
$16\,705\,899\,235\,020\,336\,213\,989\,949\,355\,778\,375\,680\ t^{68}\ y^4 -$
$13\,662\,327\,913\,057\,144\,790\,401\,851\,478\,425\,731\,072\ t^{69}\ y^4 +$
$10\,605\,962\,066\,771\,680\,785\,181\,961\,605\,438\,504\,960\ t^{70}\ y^4 -$
$7\,835\,271\,864\,782\,895\,290\,816\,398\,596\,111\,335\,424\ t^{71}\ y^4 +$
$5\,517\,119\,413\,403\,357\,382\,152\,348\,652\,623\,888\,384\ t^{72}\ y^4 -$
$3\,705\,326\,980\,315\,290\,925\,398\,737\,476\,609\,114\,112\ t^{73}\ y^4 +$
$2\,373\,371\,346\,519\,873\,625\,430\,749\,755\,379\,548\,160\ t^{74}\ y^4 -$
$1\,448\,798\,467\,733\,989\,206\,603\,227\,795\,684\,327\,424\ t^{75}\ y^4 +$
$841\,759\,564\,956\,741\,229\,913\,997\,122\,618\,785\,792\ t^{76}\ y^4 -$
$464\,675\,510\,620\,114\,829\,531\,541\,961\,223\,176\,192\ t^{77}\ y^4 +$
$243\,219\,206\,641\,213\,095\,750\,665\,186\,855\,354\,368\ t^{78}\ y^4 -$
$120\,431\,905\,007\,031\,196\,777\,827\,181\,518\,651\,392\ t^{79}\ y^4 +$
$56\,276\,185\,915\,469\,054\,828\,612\,988\,751\,052\,800\ t^{80}\ y^4 -$
$24\,753\,626\,455\,811\,805\,906\,308\,220\,277\,751\,808\ t^{81}\ y^4 +$
$10\,221\,609\,960\,440\,979\,024\,567\,728\,087\,236\,608\ t^{82}\ y^4 -$
$3\,951\,146\,947\,707\,657\,151\,930\,653\,921\,509\,376\ t^{83}\ y^4 +$
$1\,425\,248\,931\,122\,029\,377\,949\,238\,340\,616\,192\ t^{84}\ y^4 -$
$478\,066\,807\,948\,833\,670\,460\,819\,197\,919\,232\ t^{85}\ y^4 +$
$148\,501\,774\,056\,777\,470\,639\,816\,648\,425\,472\ t^{86}\ y^4 -$
$42\,508\,457\,931\,987\,223\,307\,726\,616\,526\,848\ t^{87}\ y^4 +$
$11\,144\,561\,901\,927\,322\,135\,892\,783\,529\,984\ t^{88}\ y^4 -$
$2\,655\,195\,801\,197\,706\,577\,331\,500\,351\,488\ t^{89}\ y^4 +$
$568\,941\,348\,583\,819\,711\,927\,164\,076\,032\ t^{90}\ y^4 - 108\,069\,822\,883\,297\,819\,485\,615\,947\,776\ t^{91}\ y^4 +$
$17\,810\,214\,551\,820\,022\,368\,192\,954\,368\ t^{92}\ y^4 - 2\,457\,338\,553\,467\,754\,224\,889\,626\,624\ t^{93}\ y^4 +$
$264\,210\,539\,009\,389\,141\,723\,971\,584\ t^{94}\ y^4 - 17\,844\,520\,851\,020\,841\,673\,031\,680\ t^{95}\ y^4 -$
$249\,644\,169\,481\,580\,049\,334\,272\ t^{96}\ y^4 + 267\,312\,684\,854\,649\,282\,363\,392\ t^{97}\ y^4 -$
$40\,186\,108\,678\,536\,458\,928\,128\ t^{98}\ y^4 + 3\,404\,527\,663\,508\,118\,044\,672\ t^{99}\ y^4 -$
$160\,328\,146\,734\,389\,657\,600\ t^{100}\ y^4 + 2\,449\,958\,197\,289\,549\,824\ t^{101}\ y^4 +$
$72\,057\,594\,037\,927\,936\ t^{102}\ y^4 + 10\,838\,016\ t^{13}\ y^5 + 415\,682\,560\ t^{14}\ y^5 - 8\,210\,607\,104\ t^{15}\ y^5 -$
$826\,748\,189\,056\ t^{16}\ y^5 + 39\,591\,041\,626\,816\ t^{17}\ y^5 - 873\,878\,411\,343\,808\ t^{18}\ y^5 +$
$12\,122\,791\,416\,456\,704\ t^{19}\ y^5 - 113\,305\,132\,623\,356\,288\ t^{20}\ y^5 + 667\,501\,706\,113\,851\,264\ t^{21}\ y^5 -$
$1\,071\,444\,991\,868\,172\,096\ t^{22}\ y^5 - 27\,194\,495\,217\,203\,220\,608\ t^{23}\ y^5 +$
$389\,499\,676\,542\,323\,707\,968\ t^{24}\ y^5 - 3\,286\,032\,867\,525\,687\,382\,272\ t^{25}\ y^5 +$
$20\,995\,131\,014\,038\,864\,970\,688\ t^{26}\ y^5 - 109\,237\,123\,795\,937\,373\,268\,736\ t^{27}\ y^5 +$
$477\,895\,761\,867\,818\,202\,212\,544\ t^{28}\ y^5 - 1\,787\,237\,732\,822\,796\,495\,521\,408\ t^{29}\ y^5 +$
$5\,762\,125\,554\,570\,975\,754\,928\,576\ t^{30}\ y^5 - 16\,061\,333\,969\,179\,235\,591\,710\,464\ t^{31}\ y^5 +$
$38\,615\,924\,832\,097\,456\,146\,950\,464\ t^{32}\ y^5 - 79\,356\,310\,909\,041\,632\,392\,186\,688\ t^{33}\ y^5 +$
$136\,435\,105\,337\,223\,683\,223\,882\,624\ t^{34}\ y^5 - 186\,100\,401\,968\,940\,450\,167\,891\,328\ t^{35}\ y^5 +$

$167\,138\,892\,816\,810\,859\,078\,482\,240\ t^{36}\ y^5 + 28\,964\,535\,049\,735\,152\,564\,373\,888\ t^{37}\ y^5 -$
$573\,881\,769\,721\,796\,822\,279\,341\,056\ t^{38}\ y^5 + 1\,784\,411\,995\,154\,541\,775\,759\,523\,328\ t^{39}\ y^5 -$
$4\,363\,681\,106\,921\,090\,489\,592\,491\,648\ t^{40}\ y^5 + 9\,796\,461\,591\,323\,950\,842\,480\,215\,808\ t^{41}\ y^5 -$
$20\,578\,612\,571\,465\,346\,466\,583\,413\,248\ t^{42}\ y^5 + 39\,598\,959\,649\,495\,963\,520\,354\,356\,224\ t^{43}\ y^5 -$
$68\,114\,609\,594\,103\,574\,273\,270\,181\,376\ t^{44}\ y^5 + 102\,874\,780\,727\,768\,273\,140\,755\,434\,496\ t^{45}\ y^5 -$
$134\,694\,378\,595\,901\,063\,042\,376\,828\,928\ t^{46}\ y^5 + 151\,502\,885\,777\,610\,049\,701\,109\,444\,608\ t^{47}\ y^5 -$
$146\,732\,467\,955\,039\,755\,335\,529\,005\,056\ t^{48}\ y^5 + 129\,108\,795\,294\,404\,573\,353\,555\,132\,416\ t^{49}\ y^5 -$
$126\,033\,218\,936\,056\,475\,077\,580\,316\,672\ t^{50}\ y^5 + 174\,391\,535\,764\,644\,997\,526\,263\,529\,472\ t^{51}\ y^5 -$
$300\,668\,091\,073\,122\,387\,138\,793\,537\,536\ t^{52}\ y^5 + 501\,381\,604\,660\,133\,488\,091\,877\,834\,752\ t^{53}\ y^5 -$
$737\,200\,623\,978\,450\,153\,933\,412\,859\,904\ t^{54}\ y^5 + 946\,416\,788\,701\,187\,332\,237\,507\,100\,672\ t^{55}\ y^5 -$
$1\,070\,937\,340\,647\,692\,313\,850\,948\,255\,744\ t^{56}\ y^5 +$
$1\,080\,094\,333\,492\,389\,360\,876\,911\,788\,032\ t^{57}\ y^5 -$
$979\,921\,952\,913\,121\,897\,111\,530\,504\,192\ t^{58}\ y^5 + 805\,405\,957\,795\,606\,786\,089\,861\,513\,216\ t^{59}\ y^5 -$
$602\,778\,312\,607\,782\,162\,052\,902\,027\,264\ t^{60}\ y^5 + 412\,226\,737\,141\,749\,135\,595\,537\,170\,432\ t^{61}\ y^5 -$
$258\,135\,003\,807\,003\,240\,299\,701\,993\,472\ t^{62}\ y^5 + 148\,123\,074\,053\,227\,204\,501\,596\,798\,976\ t^{63}\ y^5 -$
$77\,850\,910\,613\,926\,345\,866\,957\,291\,520\ t^{64}\ y^5 + 37\,414\,872\,157\,442\,616\,348\,807\,004\,160\ t^{65}\ y^5 -$
$16\,394\,143\,827\,409\,287\,779\,794\,812\,928\ t^{66}\ y^5 + 6\,520\,710\,631\,915\,615\,586\,728\,542\,208\ t^{67}\ y^5 -$
$2\,339\,731\,289\,887\,247\,494\,855\,786\,496\ t^{68}\ y^5 + 750\,708\,712\,017\,772\,606\,100\,865\,024\ t^{69}\ y^5 -$
$212\,597\,983\,831\,526\,671\,095\,169\,024\ t^{70}\ y^5 + 52\,052\,555\,104\,356\,837\,107\,957\,760\ t^{71}\ y^5 -$
$10\,614\,408\,234\,820\,742\,840\,057\,856\ t^{72}\ y^5 + 1\,656\,271\,379\,189\,970\,702\,958\,592\ t^{73}\ y^5 -$
$143\,392\,075\,757\,462\,803\,709\,952\ t^{74}\ y^5 - 15\,733\,299\,812\,531\,433\,373\,696\ t^{75}\ y^5 +$
$9\,827\,215\,154\,268\,944\,203\,776\ t^{76}\ y^5 - 2\,358\,249\,591\,390\,821\,416\,960\ t^{77}\ y^5 +$
$372\,710\,002\,026\,220\,617\,728\ t^{78}\ y^5 - 40\,374\,843\,502\,021\,836\,800\ t^{79}\ y^5 +$
$2\,715\,308\,286\,223\,056\,896\ t^{80}\ y^5 - 66\,841\,510\,875\,758\,592\ t^{81}\ y^5 - 4\,551\,978\,138\,992\,640\ t^{82}\ y^5 +$
$316\,659\,348\,799\,488\ t^{83}\ y^5 - 451\,584\ t^{15}\ y^6 - 25\,856\,896\ t^{16}\ y^6 + 1\,441\,754\,368\ t^{17}\ y^6 -$
$28\,881\,613\,184\ t^{18}\ y^6 + 314\,637\,500\,416\ t^{19}\ y^6 - 1\,762\,541\,912\,192\ t^{20}\ y^6 -$
$2\,071\,559\,800\,448\ t^{21}\ y^6 + 149\,294\,781\,819\,904\ t^{22}\ y^6 - 1\,719\,988\,428\,830\,080\ t^{23}\ y^6 +$
$12\,937\,407\,978\,082\,304\ t^{24}\ y^6 - 74\,381\,614\,258\,419\,200\ t^{25}\ y^6 + 345\,875\,455\,059\,553\,408\ t^{26}\ y^6 -$
$1\,335\,736\,054\,830\,679\,168\ t^{27}\ y^6 + 4\,337\,360\,081\,736\,664\,832\ t^{28}\ y^6 -$
$11\,870\,050\,583\,798\,374\,912\ t^{29}\ y^6 + 27\,142\,187\,587\,123\,761\,792\ t^{30}\ y^6 -$
$50\,445\,573\,047\,249\,386\,112\ t^{31}\ y^6 + 70\,506\,590\,903\,759\,689\,856\ t^{32}\ y^6 -$
$53\,289\,405\,686\,582\,268\,672\ t^{33}\ y^6 - 58\,665\,154\,219\,255\,348\,736\ t^{34}\ y^6 +$
$312\,651\,337\,882\,578\,651\,264\ t^{35}\ y^6 - 660\,819\,997\,942\,849\,614\,208\ t^{36}\ y^6 +$
$846\,831\,609\,240\,473\,584\,768\ t^{37}\ y^6 - 348\,280\,873\,325\,245\,909\,376\ t^{38}\ y^6 -$
$1\,515\,998\,041\,884\,175\,380\,480\ t^{39}\ y^6 + 5\,279\,380\,438\,733\,991\,275\,008\ t^{40}\ y^6 -$
$10\,949\,177\,411\,002\,231\,829\,504\ t^{41}\ y^6 + 17\,807\,299\,177\,746\,799\,089\,152\ t^{42}\ y^6 -$
$24\,579\,493\,275\,862\,980\,596\,736\ t^{43}\ y^6 + 29\,918\,657\,112\,943\,356\,949\,504\ t^{44}\ y^6 -$
$32\,914\,117\,006\,621\,385\,656\,320\ t^{45}\ y^6 + 33\,329\,336\,740\,275\,565\,033\,472\ t^{46}\ y^6 -$
$31\,493\,244\,650\,123\,270\,115\,328\ t^{47}\ y^6 + 28\,013\,514\,332\,973\,039\,841\,280\ t^{48}\ y^6 -$
$23\,536\,625\,007\,775\,739\,822\,080\ t^{49}\ y^6 + 18\,649\,267\,791\,985\,894\,219\,776\ t^{50}\ y^6 -$
$13\,865\,668\,054\,085\,010\,587\,648\ t^{51}\ y^6 + 9\,609\,934\,372\,422\,027\,395\,072\ t^{52}\ y^6 -$
$6\,167\,218\,119\,525\,242\,961\,920\ t^{53}\ y^6 + 3\,642\,538\,338\,902\,640\,787\,456\ t^{54}\ y^6 -$
$1\,969\,477\,561\,054\,416\,666\,624\ t^{55}\ y^6 + 970\,199\,305\,158\,289\,063\,936\ t^{56}\ y^6 -$

$433\,471\,292\,732\,144\,877\,568\ t^{57}\ y^6 + 174\,819\,616\,204\,866\,453\,504\ t^{58}\ y^6 -$
$63\,298\,032\,538\,587\,496\,448\ t^{59}\ y^6 + 20\,437\,460\,310\,882\,779\,136\ t^{60}\ y^6 -$
$5\,832\,233\,417\,961\,373\,696\ t^{61}\ y^6 + 1\,453\,216\,331\,882\,037\,248\ t^{62}\ y^6 -$
$310\,822\,807\,028\,105\,216\ t^{63}\ y^6 + 55\,685\,955\,490\,676\,736\ t^{64}\ y^6 - 8\,054\,163\,996\,934\,144\ t^{65}\ y^6 +$
$884\,947\,577\,470\,976\ t^{66}\ y^6 - 65\,390\,608\,646\,144\ t^{67}\ y^6 + 2\,171\,105\,968\,128\ t^{68}\ y^6 +$
$85\,899\,345\,920\ t^{69}\ y^6 - 8\,589\,934\,592\ t^{70}\ y^6 - 8192\ t^{18}\ y^7 - 67\,584\ t^{19}\ y^7 + 9\,302\,016\ t^{20}\ y^7 -$
$210\,079\,232\ t^{21}\ y^7 + 2\,627\,431\,424\ t^{22}\ y^7 - 22\,218\,693\,120\ t^{23}\ y^7 + 138\,310\,584\,832\ t^{24}\ y^7 -$
$663\,461\,304\,832\ t^{25}\ y^7 + 2\,517\,201\,746\,944\ t^{26}\ y^7 - 7\,650\,183\,232\,000\ t^{27}\ y^7 +$
$18\,615\,320\,642\,048\ t^{28}\ y^7 - 35\,510\,697\,223\,680\ t^{29}\ y^7 + 49\,298\,348\,212\,224\ t^{30}\ y^7 -$
$34\,903\,203\,171\,840\ t^{31}\ y^7 - 46\,491\,972\,773\,376\ t^{32}\ y^7 + 227\,230\,382\,387\,712\ t^{33}\ y^7 -$
$500\,685\,902\,861\,312\ t^{34}\ y^7 + 801\,670\,553\,483\,776\ t^{35}\ y^7 - 1\,026\,079\,538\,160\,128\ t^{36}\ y^7 +$
$1\,086\,790\,602\,914\,816\ t^{37}\ y^7 - 966\,557\,299\,123\,200\ t^{38}\ y^7 + 725\,545\,677\,590\,528\ t^{39}\ y^7 -$
$459\,286\,792\,340\,480\ t^{40}\ y^7 + 243\,698\,376\,941\,568\ t^{41}\ y^7 - 107\,079\,942\,836\,224\ t^{42}\ y^7 +$
$38\,141\,808\,943\,104\ t^{43}\ y^7 - 10\,590\,709\,968\,896\ t^{44}\ y^7 + 2\,102\,458\,941\,440\ t^{45}\ y^7 -$
$219\,359\,641\,600\ t^{46}\ y^7 - 21\,573\,795\,840\ t^{47}\ y^7 + 13\,857\,128\,448\ t^{48}\ y^7 - 2\,739\,929\,088\ t^{49}\ y^7 +$
$281\,542\,656\ t^{50}\ y^7 - 12\,582\,912\ t^{51}\ y^7 + 256\ t^{20}\ y^8 - 4608\ t^{21}\ y^8 + 39\,168\ t^{22}\ y^8 -$
$208\,896\ t^{23}\ y^8 + 783\,360\ t^{24}\ y^8 - 2\,193\,408\ t^{25}\ y^8 + 4\,752\,384\ t^{26}\ y^8 - 8\,146\,944\ t^{27}\ y^8 +$
$11\,202\,048\ t^{28}\ y^8 - 12\,446\,720\ t^{29}\ y^8 + 11\,202\,048\ t^{30}\ y^8 - 8\,146\,944\ t^{31}\ y^8 + 4\,752\,384\ t^{32}\ y^8 -$
$2\,193\,408\ t^{33}\ y^8 + 783\,360\ t^{34}\ y^8 - 208\,896\ t^{35}\ y^8 + 39\,168\ t^{36}\ y^8 - 4608\ t^{37}\ y^8 + 256\ t^{38}\ y^8)$

In[ ]:=
```
Solve[qq8b[[4]] == 0 /. t → 4/5, Reals]
```

Out[ ]= $\{\{y \to -342.\ldots\}, \{y \to -6.27\ldots \times 10^{-3}\}, \{y \to -5.39\ldots \times 10^{-3}\}, \{y \to 0.0122\ldots\}\}$

In[ ]:=
```
qq8c = qq8b[[4]]
```

Out[ ]= $-1\,679\,616 + 120\,434\,688\ t - 4\,286\,559\,520\ t^2 + 101\,047\,149\,184\ t^3 - 1\,775\,925\,416\,037\ t^4 +$
$24\,835\,753\,792\,594\ t^5 - 288\,007\,279\,173\,584\ t^6 + 2\,849\,566\,165\,764\,728\ t^7 -$
$24\,560\,822\,586\,877\,914\ t^8 + 187\,353\,226\,824\,198\,596\ t^9 - 1\,280\,544\,727\,083\,618\,864\ t^{10} +$
$7\,919\,842\,228\,047\,671\,796\ t^{11} - 44\,677\,008\,140\,398\,648\,433\ t^{12} + 231\,380\,924\,382\,858\,050\,082\ t^{13} -$
$1\,106\,073\,862\,026\,542\,630\,108\ t^{14} + 4\,902\,271\,749\,424\,583\,790\,628\ t^{15} -$
$20\,220\,525\,883\,813\,659\,258\,784\ t^{16} + 77\,863\,515\,498\,592\,195\,625\,120\ t^{17} -$
$280\,654\,226\,952\,612\,504\,331\,860\ t^{18} + 949\,019\,689\,557\,079\,378\,635\,752\ t^{19} -$
$3\,016\,225\,076\,919\,424\,390\,967\,472\ t^{20} + 9\,024\,585\,727\,926\,451\,972\,217\,648\ t^{21} -$
$25\,453\,361\,451\,238\,627\,902\,610\,784\ t^{22} + 67\,748\,586\,804\,928\,739\,712\,768\,832\ t^{23} -$
$170\,329\,730\,188\,691\,427\,401\,617\,552\ t^{24} + 404\,797\,560\,629\,211\,212\,856\,667\,904\ t^{25} -$
$909\,905\,211\,158\,936\,475\,965\,973\,312\ t^{26} + 1\,935\,335\,600\,177\,371\,919\,231\,897\,216\ t^{27} -$
$3\,896\,290\,835\,800\,055\,878\,706\,721\,856\ t^{28} + 7\,426\,089\,142\,093\,455\,702\,145\,795\,328\ t^{29} -$
$13\,400\,156\,087\,855\,484\,408\,612\,366\,592\ t^{30} + 22\,891\,701\,992\,460\,371\,058\,941\,814\,784\ t^{31} -$
$37\,016\,397\,926\,998\,793\,196\,207\,063\,552\ t^{32} + 56\,642\,145\,394\,698\,563\,456\,214\,221\,824\ t^{33} -$
$81\,987\,676\,392\,492\,016\,151\,393\,894\,400\ t^{34} + 112\,203\,454\,121\,666\,587\,295\,493\,627\,904\ t^{35} -$
$145\,093\,584\,431\,148\,882\,466\,092\,875\,776\ t^{36} + 177\,156\,927\,321\,862\,950\,304\,159\,920\,128\ t^{37} -$
$204\,063\,247\,579\,974\,012\,423\,555\,805\,184\ t^{38} + 221\,532\,995\,506\,944\,631\,701\,635\,653\,632\ t^{39} -$
$226\,405\,053\,937\,273\,556\,447\,961\,862\,144\ t^{40} + 217\,543\,551\,645\,799\,932\,975\,504\,130\,048\ t^{41} -$
$196\,237\,271\,259\,698\,431\,964\,075\,556\,864\ t^{42} + 165\,909\,444\,187\,322\,592\,159\,018\,647\,552\ t^{43} -$

$131\,220\,269\,563\,489\,516\,748\,283\,183\,104\ t^{44} + 96\,884\,005\,457\,446\,404\,207\,033\,712\,640\ t^{45} -$
$66\,617\,343\,693\,876\,265\,573\,282\,217\,984\ t^{46} + 42\,543\,627\,520\,767\,230\,192\,750\,952\,448\ t^{47} -$
$25\,157\,472\,861\,962\,584\,557\,002\,686\,464\ t^{48} + 13\,727\,118\,564\,444\,331\,767\,511\,384\,064\ t^{49} -$
$6\,884\,268\,271\,298\,925\,087\,151\,882\,240\ t^{50} + 3\,158\,950\,663\,470\,910\,305\,665\,548\,288\ t^{51} -$
$1\,319\,418\,764\,527\,924\,163\,190\,456\,320\ t^{52} + 498\,622\,883\,922\,259\,387\,644\,641\,280\ t^{53} -$
$169\,306\,532\,202\,785\,465\,553\,649\,664\ t^{54} + 51\,228\,262\,834\,774\,669\,418\,037\,248\ t^{55} -$
$13\,677\,765\,528\,961\,550\,678\,753\,280\ t^{56} + 3\,184\,409\,977\,168\,578\,836\,692\,992\ t^{57} -$
$637\,067\,989\,041\,363\,384\,532\,992\ t^{58} + 107\,509\,077\,771\,790\,885\,847\,040\ t^{59} -$
$14\,939\,322\,106\,083\,910\,090\,752\ t^{60} + 1\,654\,315\,826\,213\,189\,320\,704\ t^{61} -$
$139\,269\,665\,621\,014\,478\,848\ t^{62} + 8\,280\,457\,253\,153\,144\,832\ t^{63} - 304\,626\,293\,545\,107\,456\ t^{64} +$
$5\,066\,549\,580\,791\,808\ t^{65} - 20\,736\ t^{3}\ y + 3\,214\,208\ t^{4}\ y - 124\,779\,760\ t^{5}\ y +$
$2\,528\,709\,696\ t^{6}\ y - 32\,228\,966\,670\ t^{7}\ y + 269\,221\,096\,941\ t^{8}\ y - 1\,279\,205\,842\,405\ t^{9}\ y -$
$1\,256\,228\,268\,047\ t^{10}\ y + 90\,551\,661\,322\,592\ t^{11}\ y - 1\,023\,934\,071\,272\,640\ t^{12}\ y +$
$7\,793\,120\,317\,720\,085\ t^{13}\ y - 46\,691\,631\,456\,314\,130\ t^{14}\ y + 232\,969\,708\,835\,480\,028\ t^{15}\ y -$
$995\,432\,190\,975\,124\,870\ t^{16}\ y + 3\,700\,707\,277\,065\,302\,700\ t^{17}\ y - 12\,082\,793\,380\,904\,784\,284\ t^{18}\ y +$
$34\,810\,899\,438\,992\,497\,500\ t^{19}\ y - 88\,546\,292\,246\,646\,346\,784\ t^{20}\ y +$
$197\,949\,324\,689\,482\,278\,192\ t^{21}\ y - 383\,931\,301\,359\,969\,702\,560\ t^{22}\ y +$
$626\,355\,076\,245\,451\,589\,360\ t^{23}\ y - 789\,408\,731\,766\,473\,839\,328\ t^{24}\ y +$
$516\,958\,383\,216\,934\,195\,776\ t^{25}\ y + 854\,944\,621\,983\,646\,170\,784\ t^{26}\ y -$
$4\,277\,022\,203\,491\,159\,907\,200\ t^{27}\ y + 10\,758\,952\,015\,253\,357\,076\,736\ t^{28}\ y -$
$20\,912\,118\,687\,374\,928\,770\,816\ t^{29}\ y + 34\,398\,375\,339\,134\,798\,944\,512\ t^{30}\ y -$
$49\,577\,704\,238\,526\,312\,917\,504\ t^{31}\ y + 63\,665\,730\,790\,544\,163\,563\,520\ t^{32}\ y -$
$73\,503\,514\,540\,333\,719\,632\,896\ t^{33}\ y + 76\,682\,615\,827\,916\,141\,881\,856\ t^{34}\ y -$
$72\,491\,364\,367\,141\,074\,120\,704\ t^{35}\ y + 62\,180\,890\,889\,462\,116\,007\,936\ t^{36}\ y -$
$48\,411\,330\,604\,352\,209\,846\,272\ t^{37}\ y + 34\,194\,589\,523\,711\,446\,786\,048\ t^{38}\ y -$
$21\,887\,991\,853\,801\,059\,647\,488\ t^{39}\ y + 12\,674\,856\,830\,897\,950\,687\,232\ t^{40}\ y -$
$6\,624\,147\,987\,556\,163\,125\,248\ t^{41}\ y + 3\,114\,388\,352\,573\,536\,862\,208\ t^{42}\ y -$
$1\,311\,597\,514\,369\,644\,101\,632\ t^{43}\ y + 491\,898\,737\,963\,690\,885\,120\ t^{44}\ y -$
$162\,974\,607\,927\,454\,728\,192\ t^{45}\ y + 47\,178\,242\,205\,293\,740\,032\ t^{46}\ y -$
$11\,752\,513\,564\,802\,285\,568\ t^{47}\ y + 2\,466\,803\,161\,331\,924\,992\ t^{48}\ y - 423\,543\,798\,560\,194\,560\ t^{49}\ y +$
$56\,978\,349\,603\,422\,208\ t^{50}\ y - 5\,614\,203\,008\,188\,416\ t^{51}\ y + 358\,973\,366\,599\,680\ t^{52}\ y -$
$11\,132\,555\,231\,232\ t^{53}\ y + 2592\ t^{5}\ y^{2} + 47\,152\ t^{6}\ y^{2} - 2\,747\,858\ t^{7}\ y^{2} + 42\,368\,437\ t^{8}\ y^{2} -$
$319\,467\,384\ t^{9}\ y^{2} + 896\,947\,637\ t^{10}\ y^{2} + 6\,496\,919\,969\ t^{11}\ y^{2} - 94\,840\,184\,082\ t^{12}\ y^{2} +$
$625\,519\,956\,317\ t^{13}\ y^{2} - 2\,774\,072\,523\,278\ t^{14}\ y^{2} + 8\,950\,998\,321\,658\ t^{15}\ y^{2} -$
$20\,988\,631\,247\,406\ t^{16}\ y^{2} + 32\,358\,189\,605\,138\ t^{17}\ y^{2} - 15\,120\,367\,168\,388\ t^{18}\ y^{2} -$
$80\,976\,317\,227\,320\ t^{19}\ y^{2} + 282\,076\,100\,041\,568\ t^{20}\ y^{2} - 482\,097\,133\,977\,824\ t^{21}\ y^{2} +$
$345\,023\,877\,075\,824\ t^{22}\ y^{2} + 625\,092\,756\,908\,768\ t^{23}\ y^{2} - 2\,757\,434\,568\,420\,576\ t^{24}\ y^{2} +$
$5\,805\,777\,928\,249\,056\ t^{25}\ y^{2} - 8\,847\,847\,395\,300\,224\ t^{26}\ y^{2} + 10\,719\,234\,511\,926\,016\ t^{27}\ y^{2} -$
$10\,719\,058\,528\,803\,520\ t^{28}\ y^{2} + 9\,018\,398\,393\,234\,944\ t^{29}\ y^{2} - 6\,457\,338\,280\,571\,392\ t^{30}\ y^{2} +$
$3\,966\,431\,241\,783\,296\ t^{31}\ y^{2} - 2\,103\,759\,169\,397\,760\ t^{32}\ y^{2} + 969\,033\,812\,369\,408\ t^{33}\ y^{2} -$
$389\,389\,415\,505\,920\ t^{34}\ y^{2} + 136\,686\,535\,671\,808\ t^{35}\ y^{2} - 41\,707\,989\,876\,736\ t^{36}\ y^{2} +$
$10\,897\,510\,498\,304\ t^{37}\ y^{2} - 2\,368\,058\,425\,344\ t^{38}\ y^{2} + 407\,690\,543\,104\ t^{39}\ y^{2} -$
$51\,375\,243\,264\ t^{40}\ y^{2} + 4\,114\,612\,224\ t^{41}\ y^{2} - 150\,994\,944\ t^{42}\ y^{2} + 16\ t^{8}\ y^{3} + 324\ t^{9}\ y^{3} -$

$$15\,336\ t^{10}\ y^3 + 208\,415\ t^{11}\ y^3 - 1\,555\,186\ t^{12}\ y^3 + 7\,456\,635\ t^{13}\ y^3 - 24\,331\,521\ t^{14}\ y^3 + 53\,967\,538\ t^{15}\ y^3 - 73\,158\,218\ t^{16}\ y^3 + 21\,453\,312\ t^{17}\ y^3 + 160\,168\,266\ t^{18}\ y^3 - 444\,571\,376\ t^{19}\ y^3 + 688\,202\,968\ t^{20}\ y^3 - 736\,899\,184\ t^{21}\ y^3 + 572\,681\,656\ t^{22}\ y^3 - 323\,107\,264\ t^{23}\ y^3 + 127\,694\,912\ t^{24}\ y^3 - 31\,842\,048\ t^{25}\ y^3 + 3\,206\,784\ t^{26}\ y^3 + 669\,696\ t^{27}\ y^3 - 254\,976\ t^{28}\ y^3 + 24\,576\ t^{29}\ y^3 - t^{10}\ y^4 + 6\ t^{11}\ y^4 - 15\ t^{12}\ y^4 + 20\ t^{13}\ y^4 - 15\ t^{14}\ y^4 + 6\ t^{15}\ y^4 - t^{16}\ y^4$$

In[ ]:=
```
Expand[qq3 - qq8c]
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Out[ ]= 0